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SPRING 1924

FEB 1 2 1924
U. S. Department of Agriculture

THOS. J. GREY Co

THE SEEDSMEN

16 South Market St. Boston, Mass

IMPORTANT TO CUSTOMERS

ORDER EARLY.—We would suggest that customers send us their orders as soon as possible after receiving this catalogue, and thus avoid the rush of the planting season. It frequently happens that some articles are not in store when orders are received. In such cases we forward such as are ready, and the balance as soon as possible.

STOCK SEED.—A large part of our seeds are grown for us on contract by special growers, from our own stock, and in locations best suited for their development. Others are secured from strictly reliable sources, and constant effort is made to secure only the best.

ADDRESS, ETC.—Give name of your **post office, county and state,** sign your name plainly; also specify means of conveyance preferred—whether by parcel post, express or freight.

FREE DELIVERY.—We will send by parcel post, to any part of the United States, all Vegetable and Flower Seeds quoted in this catalogue at packet, ounce, quarter-pound and half-pound rates, free of expense to the purchaser. All heavy seeds, including Peas, Beans, Corn, Clover Seed, Seed Grain, Roots, etc., are quoted at net prices at our store. Purchasers desiring these by mail are requested to remit an additional amount sufficient to cover postage, at parcel post rates according to zone. Allow two pounds in weight for each quart of Peas, Beans, or Corn. Particular attention is invited to this, as, when omitted, the cost of postage will be deducted from the amount received.

SHIPPING.—We deliver free to Express, Railroad or Boat. All goods travel at the buyer's risk, our responsibility ceases when we take the carrier's receipt. If goods are damaged so sign for them and enter claim with the carrier **at once.**

BAGS AND PACKING.—No charge is made for boxes or packing on anything, except **Flower Pots, Nursery Stock** and **Hotbed Sash,** and this at cost only. **Cloth Bags** are charged for at cost and if returned in good condition charges prepaid, will be credited at price charged.

REMITTANCES.—May be made by Express Money Order, P. O. Money Order or Bank Draft; if stamps or cash send in a Registered Letter. Parties having no account with us—who order goods without remittance—must furnish satisfactory references. Boston preferred.

PRICES. All prices are net without discount and **subject to change without notice.**

TERMS ARE NET CASH.—All bills on which short credits are allowed are due the first of the month succeeding the date of the purchase.

WE ARE THE ONLY HOUSE IN NEW ENGLAND carrying a full stock of Seeds, Tools, Implements and Repairs for the wants of the **RETAIL TRADE EXCLUSIVELY.**

GARDENERS' AND FARMERS' SITUATIONS.—We have at all times the names of practical gardeners and farm managers in want of situations on our books. If parties desiring such will write us, we shall be glad to put them in communication with men whom we deem suitable. To aid us in making a selection we ask full particulars. We make no charge for this service.

☞ We give no warranty, expressed or implied, as to quality, description, productiveness, or any other matter of any Seeds, Bulbs or Plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they must at once be returned

THOMAS J. GREY COMPANY

THE SEEDSMEN

16 SOUTH MARKET STREET :: BOSTON, MASS.

R. E. MONTGOMERY, President **J. P. A. GUERINEAU, Treasurer**

PETER M. MILLER, Secretary

PARCEL POST RATES

Packages must not exceed 84 inches in length and girth combined. 70 pounds is the limit of weight in the first, second and third zones. 50 pounds is the limit of weight in all other zones.

1st zone—5c. for first pound and 1c. for each additional pound or fraction.

2d zone—5c. for first pound and 1c. for each additional pound or fraction.

3d zone—6c. for first pound and 2c. for each additional pound or fraction.

4th zone—7c. for first pound and 4c. for each additional pound or fraction.

5th zone—8c. for first pound and 6c. for each additional pound or fraction.

6th zone—9c. for first pound and 8c. for each additional pound or fraction.

7th zone—11c. for first pound and 10c. for each additional pound or fraction.

8th zone—12c. for first pound and 12c. for each additional pound or fraction.

Postage on seeds, bulbs, plants and roots of 8 ounces or less to all zones, is 1c. for each 2 ounces.

Postage on general merchandise of 4 ounces or less, to all zones, is 1c. an ounce.

Flower Seed Novelties and Specialties for 1924

See pages 29 to 62 for General List of Flower Seeds

ANTIRRHINUM, GIANT

Immense spikes 2 to 2½ feet high, of very large, beautifully colored flowers.

No.

271 **FELTHAM BEAUTY.** Deep rose-pink with white center, the immense blooms are the largest yet introduced. Pkt. 15c., ⅛ oz. 75c.

273 **WELD PINK.** Beautiful salmon pink with darker shading in the throat. Specially recommended for the greenhouse. Pkt. 30c.

274 **PEACHBLOW.** Unique in color, having a central band of rich golden yellow with delicate peach pink above and below. Pkt. 25c.

ANTIRRHINUM NANUM GRANDIFLORUM

The following varieties are very large flowering and exquisite in coloring. 15 to 18 inches high.

367 **MATCHLESS.** (New.) Free flowering sort, brilliant apricot-buff with yellow center. Pkt. 15c.

369 **MAUVE BEAUTY.** Beautiful, rosy-mauve. Pkt. 15c., ⅛ oz. 75c.

See pages 30 and 31 for other varieties.

Aster, Branching

ASTER

No.

737 **HEART OF FRANCE.** A pure red Aster. Very double of strong, branching habit. It keeps its brilliant rich color when cut. Pkt. 15c., ⅛ oz. 75c.

1028 **SINGLE ELEGANCE "GEN'L JOFFRE."** The color a brilliant crimson-scarlet, makes a fine addition to these beautiful, long petaled, single Asters. So useful as a cut flower. Pkt. 20c., ⅛ oz. 60c.

See pages 32 and 33 for other varieties

BEGONIA

1183 **MARIEMONT BEDDER.** This is a beautiful variety originated on the estate of Mrs. T. J. Emery, Newport, R. I., where it is extensively used in beds and borders. It is the finest bedding variety grown, very compact, with small, reddish-brown foliage and a perpetual bloomer. The flowers are of the most brilliant scarlet and so freely produced that the foliage is almost hidden. If the plants are lifted in the Fall, cut back and taken into the house, they make one of the finest Winter bloomers. Pkt. 20c.

BLUE LACE PLANT

2532 **(DIDISCUS CŒRULEA).** A hardy annual growing about 2 feet high, blooming from July to October, producing in abundance beautiful sky-blue flowers on rather long stems. Very desirable as a cut flower. Pkt. 15c.

CALENDULA, BALL'S

1318 **IMPROVED ORANGE.** We consider this strain of the popular Orange Calendula the best yet introduced, producing flowers very true to color, on long, strong stems. Very desirable for Summer blooming in the garden for cut flowers, also grown extensively under glass, for Winter use. Pkt. 30c., ⅛ oz. 85c.

CHEIRANTHUS

1792 **ALLIONI (Alpine Wallflower.)** Its dwarf habit and brilliant orange-yellow flowers make it an excellent plant for rock gardens and edgings. Pkt. 25c.

COREOPSIS

1351 **NANA. "THE GARNET."** A dwarf form of this popular annual, grows from 1½ to 2 feet in height, expanding into a bush 2½ feet across; flowers a glossy crimson-scarlet. Pkt. 20c.

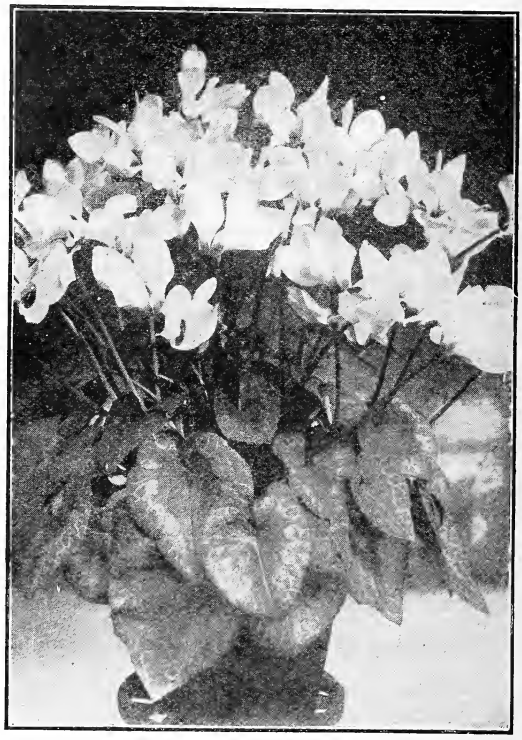
FLOWER SEED, NOVELTIES AND SPECIALTIES FOR 1924—Continued

CYCLAMEN

The seed we offer is saved by a leading sepcialist from selected strains of the very best varieties, and cannot fail to produce flowers of the largest size, finest substance and most charming shades of color. July to August is the best time for sowing. Seedlings should be grown on without any check whatever, and when grown cool, the results are more satisfactory.

No.		Pkt.
2090	**GREY'S GIANT CRIMSON**	$0.75
2095	**GREY'S GIANT PINK**	.75
2100	**GREY'S GIANT SALMON KING**	.75
2105	**GREY'S GIANT WHITE**	.75
2110	**GIANT BRILLIANT.** Rich dark crimson	.75
2115	**CRIMSON KING.** Brilliant crimson	.75
2120	**EXCELSIOR.** White, with purple base	.75
2125	**DUKE OF CONNAUGHT.** Purplish crimson	.75
2130	**DUKE OF FIFE.** Dark rose	.75
2135	**MONT BLANC.** Pure white	.75
2140	**MRS. L. M. GRAVES.** Nearly a true scarlet	1.00
2145	**PICTURATUM.** Pink with claret base	.75
2150	**PRINCESS IDA.** Bright pink	.75
2155	**PRINCESS MAY.** Pale pink	.75
2160	**PRINCE OF WALES.** Bright red	.75
2165	**QUEEN MARY.** Salmon, claret base	1.00
2175	**ST. GEORGE.** Flowers identical with out Salmon King, with the decorative foliage of the Rex Begonia	1.00
2180	**GREY'S GIANT MIXTURE.** All colors	.75

For above-named Cyclamen, 100 seeds $2.50, 1000 seeds $18.00.



Cyclamen

DELPHINIUM (Annual)

2301 **BLUE GEM.** Among the annual Delphiniums, a characteristic which has long been lacking is a plant of compact and bushy growth which at the same time gives an abundance of bloom. In this selection of ours we claim to combine both. The height of the plant is 9 to 12 inches, and the flower is large and of a beautiful deep blue. Of good compact habit, it makes an excellent pot plant. Pkt. 15c.

DIMORPHOTHECA

2576 **EKLONIS.** A new, large white form of the African Marguerite. Plants grow about 2 ft. high. Flowers pure white, 2½ to 3 in. across with small, blue center. Pkt. 30c.

EREMURUS

2639 **GOLD MEDAL HYBRIDS.** As a result of over 20 years crossing and recrossing, many new and delightful colors and forms have been produced. These are all July flowering forms, perfectly hardy and like full sunshine, good but not too heavy a soil. 6 to 10 ft. Pkt. 50c.

HEUCHERA

4064 **CHOICE HYBRIDS.** By careful selection and reselection of a cross of H. sanguinea and H. micrantha, a strain has been produced which is much freer flowering and will produce from May to July sheaves of delicate blossoms in every shade of color from white to deep crimson; many of the bright, clear pinks are of exceptional beauty and invaluable as a cut flower. Pkt. 25c.

HOLLYHOCK, DOUBLE

No.
5006 **"EXQUISITE."** A new, double fringed Hollyhock with very large flowers measuring 4 to 5 in. across; colors include rose, light rose, carmine rose, violet and dark purple. The petals being margined and blotched. Pkt. 25c.

INULA

5116 **GOLDEN BEAUTY.** A new and distinct variety. The flowers are clear golden yellow, 2 or 3 in. across, borne on long, slender stems, making it most useful for cutting; plants grow to a height of 1½ to 2 ft. Pkt. 20c.

IPOMOEA

5170 **QUAMOCLIT HYBRIDA** (Cardinal Climber). Beautiful and brilliant annual climber, attaining a height of 30 feet or more, with Fern-like, laciniated foliage and covered with a blaze of fiery, circular, cardinal red flowers in clusters from Midsummer till frost. Pkt. 25c.

See page 46 for other varieties.

FLOWER SEED, NOVELTIES AND SPECIALTIES FOR 1924—Continued

LOBELIA COMPACTA

No.
5267 **BLUE WINGS.** A splendid new Lobelia of brilliant effect. The fresh green foliage becomes entirely hidden by a sheet of bloom of a lovely deep ultramarine blue. The individual flowers are unusually large. Pkt. 25c.

LUPINUS POLYPHYLLUS

5362 **"ELLIOTT'S SWEET SCENTED."** A new strain of this hardy perennial with sweet-scented flowers. Mixed colors. Pkt. 30c.

PENTSTEMON

6264 **GRANDIFLORUM EXCELSIOR, MIXED.** New strain with very large flowers, colors range from white to deepest scarlet. Pkt. 35c.

POLYANTHUS, PRIMROSE

6759 **LARGE-FLOWERED BEDDING HYBRIDS.** (Bunch Flowered Primrose). Extra choice strain, most carefully selected for habit, rich colors, and size of bloom. It is the finest strain procurable for bedding purposes, dwarf, upright habit. Pkt. 25c., 1-16 oz. $1.00.

PRIMULA

6962 **MALACOIDES PINK BEAUTY.** A new variety with beautiful large, rosy-pink flowers shading to mauve. Pkt. 30c.

6963 **MALACOIDES SUPERBA.** A new and improved variety, with larger flowers and better habit than the old sort. It is a deep rosy-pink in color, and makes a first class greenhouse plant for Winter decorations. Pkt. 30c.

6964 **PRIMULA MALACOIDES SUPERBA, FL. PL.** A new form of the preceding with double or semi-double flowers, of deep rosy-pink, large size, freely produced and lasting well in bloom. Pkt. 35c.

6760 **CHINENSIS, GREY'S GIANT MIXTURE.** Our strains of Primulas were among the best exhibited for the past two seasons, and cannot be excelled. Pkt. $1.00.

See pages 53 and 54 for separate colors and other varieties.

SALVIA

7106 **AMERICA, OR GLOBE OF FIRE.** An improved variety of dwarf Salvia, when in flower grows to height of 2 feet with practically no variation in height, making this an ideal variety for bedding or mass planting. Pkt. 20c., ⅛ oz. 75c.

7130 **SPLENDENS, OSTRICH PLUME.** The most beautiful of all Salvias. The flowers are in form of a plume, with which the plant is well covered. The color is the brightest scarlet, more intense than any other variety. Each plume is a bouquet in itself. Pkt. 25c., ⅛ oz. $1.00.

See pages 55 and 56 for other varieties.

SCHIZANTHUS WISETONENSIS

No.
7226 **SNOWFLAKE.** A great improvement on all older varieties. Plant compact, pyramidal habit and carries hundreds of the purest white flowers, the edges of which are beautifully fringed, and much larger than "Bridal Veil." As a pot plant it has no equal. Pkt. 25c.

7228 **PINK PEARL.** In every respect equal to its parent —the beautiful "Snowflake"—our novelty, while retaining the elegant pyramidal habit and luxuriant wealth of bloom of the latter, differs in the coloring of its flowers. In these the glistening white of the corolla is set off by a broad, rosy-pink margin on the wing and lip petals. Pkt. 35c.

SOLANUM

7279 **CLEVELAND** (**Yellow-Berried Jerusalem Cherry**). This is the same in habit and form as the red-berried variety listed on page 57. It makes a beautiful decorative pot plant. Pkt. 20c.

VERBENA (MAMMOTH)

8196 **ROSE QUEEN.** Originating from the well-known variety "Helen Willmott" as a result of many years of selection, this superb new variety bears flowers of a lovely delicate rose, a tint somewhat paler than that of its parent. The individual blooms are universally large, often exceeding 1 in. and sometimes attaining 1½ in. in diameter, and as many as 20 to 30 of them are often grouped on a single umbel. Pkt. 20c., ⅛ oz. 60c.

8202 **SCARLET QUEEN.** Flowers of the most vivid scarlet, similar to that of V. hybrida "Defiance," but with a large and distinct white eye which occupies almost half the surface of the corolla. The blooms often exceed an inch in diameter and succeed each other for a very long period, so that nothing finer can be conceived for striking bedding effects. Pkt. 20c., ⅛ oz. 60c.

8203 **SNOW QUEEN.** Giant flowered Verbena of a pure snow white color with umbels produced in great profusion. Pkt. 20c., ⅛ oz. 60c.

ZINNIA

8501 **GIANT ACHIEVEMENT.** A distinct variety producing in abundance very large, double flowers partially tubular at the base and expanding in Cactus-like form at the tip, displaying a rich variety of color, mostly in the warm shades, the reverse side of petals are of a varying lilac tint, giving a rare and beautiful combination of color never before seen among Zinnias. Pkt. 15c., ⅛ oz. 60c.

FLOWER SEED, NOVELTIES AND SPECIALTIES FOR 1924—Continued

New Giant Spencer Varieties of Sweet Peas

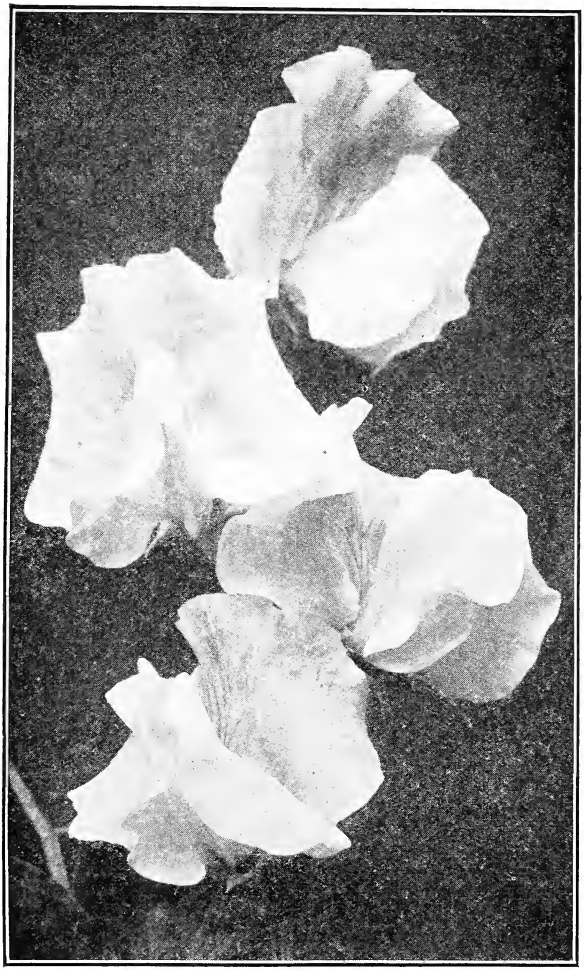
(See also pages 58 and 59 for standard sorts, and page 59 for Winter-flowering sorts)

No.

7461 **ALEXANDER MALCOLM.** Scarlet-cerise. Pkt. 15c., oz. 40c.

7508 **BUNTY.** Standards orange-salmon, wings deep rose tinged. Many stems with four flowers. Pkt. 20c.

7536 **COLNE VALLEY.** Lavender-blue self. Pkt. 15c., oz. 40c.



No.

7537 **COMMANDER GODSALL.** Violet-blue. Pkt. 15c., oz. 40c.

7577 **EDITH CAVELL.** Rose-pink on cream ground. Pkt. 15c., oz. 40c.

7646 **GLADYS.** A lovely shade of pure lilac self, many stems having four flowers. Pkt. 15c.

7653 **HAWLMARK LAVENDER.** A true lavender colored Sweet Pea. Pkt. 15c.

7654 **HAWLMARK MAROON.** A rich red maroon, one of the best dark colored varieties. Pkt. 15c.

7656 **HAWLMARK PINK.** (Raiser's description.) The richest colored Sweet Pea ever seen; rich, bright rose-pink, deeply flushed and shaded salmon, exceeding even "Audrey Crier" in richness of color, and is absolutely fixed and true. Pkt. 10c., oz. 40c.

7716 **MASCOTTS HELIO.** Received Award of Merit, R. H. S., 1920. Standards lavender with bronze tint; wings tend to lavender. Pkt. 25c., oz. 50c.

7768 **MRS. TOM JONES.** Bright delphinium-blue. Pkt. 15c., oz. 40c.

7787 **OLD ROSE.** Color as named. Pkt. 15c., oz. 40c.

7802 **PICTURE.** Award of Merit, R. H. S., 1920. Rich pink with a rosy flush shaded with creamy apricot. Pkt. 15c., oz. 40c.

7803 **POWERS COURT.** A very large and strong growing lavender Sweet Pea. Well frilled. Pkt. 35c.

7812 **RAVEN'S WING.** Black maroon, the darkest sweet pea grown. A very strong grower and very free flowering. Pkt. 25c.

7852 **SENSATION.** A rich, dazzling scarlet, one of the very best red Sweet Peas. Pkt. 25c.

7846 **SHAMROCK.** A beautiful, rosy mauve variety with large flowers. Pkt. 25c.

7865 **TANGERINE IMPROVED.** Glowing orange. Pkt. 15c., oz. 40c.

INOCULATE THIS SEED WITH MULFORD CULTURE

EARLY FLOWERING SPENCER SWEET PEAS

No.

C7889 **MIXTURE of many varieties.** Pkt. 15c., oz. 50c., ¼ lb. $1.50.

We are headquarters for the finest Lawn Grasses, Fertilizers, Spraying Material, International Harvester Co.'s Line of Implements, Plows, Etc.

Specialties in Vegetable Seeds

ASPARAGUS
MARTHA WASHINGTON

Washington Asparagus is as far as possible an extremely resistant, vigorous and high-yielding strain of giant Asparagus. The plants represented in its pedigree of the last three generations are the best found in a ten-year search among millions of plants tested. By best, we mean the ones that have produced offspring, uniform, rust-resistant, high yielding, large sized, of rapid growth, which indicates tenderness. A more uniform market type has not been seen among other so-called varieties that were in any degree rust-resistant.

Seed: Pkt. 50c., oz. $1.25, ¼ lb. $4.00.

Roots: We offer this year a limited quantity of carefully-selected 2-year-old roots. 100 $3.50.

BEANS

ABUNDANCE. An early-extra variety, producing a heavy crop of long, stringless pods of excellent flavor. For forcing in the greenhouse during Winter it cannot be surpassed. Pkt. 25c., pt. 50c., qt. 90c.

FRENCH'S DWARF HORTICULTURAL. An improved form of the Dwarf Horticultural, producing long pods, beautifully splashed with bright crimson. Pkt. 25c., pt. 45c., qt. 80c.

MASTERPIECE STRINGLESS BUSH. An extremely prolific, quick-growing variety. The plants are unusually strong and bear long, straight, fleshy pods which are tender and delicious as well as handsome. A fine variety for exhibition and for those who demand quality. Pt. 75c., qt. $1.25.

ITALIAN POLE (New). A green podded, pole, string bean; slightly streaked with purple; absolutely stringless, unsurpassed for a string or shell bean. Pt. 60c., qt. $1.00.

WEBBER WAX, or "CRACKER JACK." A high quality, flat-podded, stringless variety of the season of Wardwell's Kidney Wax. Pods 6 to 6½ inches long, quite broad and uniformly curved, fleshy, stringless and brittle, with little fiber. Plant more vigorous and productive than Wardwell's. Color of pod is a decided bright yellow. Pt. 40c., qt. 75c.

BEET

EARLY WONDER. The most perfect model of an extra early round Beet. The flesh is deep blood-red crimson. It is an ideal all season Beet, for while it grows a nice size Beet early it retains its tender quality throughout the season. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

PEERLESS. A very early round blood-red Beet. Fine for bunching. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

CABBAGE

CHINESE WONG BOK. This is the famous Chinese Celery Cabbage. It has wide midribs at the base and merges into crisp, tender leaves at the top, the whole being very compact and heavy. It blanches to almost clear white. The culture for Wong Bok is the same as for late Cabbage. When well grown the plants should be blanched by tying loosely with burlap. Pkt. 10c., oz. 60c.

EARLY WONDER RED. The earliest of all red Cabbages of exceedingly vigorous growth. The heads are large, solid and handsome, of delicious flavor, color dark red, the outer leaves are medium size and silver shining. Planted in April the heads are ready for use in July. Pkt. 25c., oz. $1.50.

THE GOLDEN ACRE. A new Cabbage, head measuring 9 in. in diameter; 10 days earlier than Copenhagen Market, and more compact. Pkt. 25c., oz. $1.00.

CARROT

DANVERS HALF-LONG IMPROVED. Special strain. Grown for us by a leading market gardener in Danvers. Pkt. 15c., oz. 75c., ¼ lb. $2.75.

CELERY

NEWARK MARKET. The plants are strong and stocky with green foliage showing a slight tinge of yellow in the inner leaves. The stalks are very large and heavy, broad, crisp, solid, tender and of a most excellent nut-like flavor. This strain blanches very quickly and easily when boarded up; free from rust. Pkt. 25c., oz. $2.50.

CORN, SWEET

GOLDEN GIANT. With its 12- to 16-rowed ears and deep golden yellow kernels is the most desirable yellow sweet Corn yet introduced. The stalks are short, sturdy and frequently produce two ears. Seed offered this year has been carefully grown in Massachusetts. 2 oz. 25c., 4 oz. 40c., 8 oz. 65c., 16 oz. $1.00, 5 lbs. $4.00.

LETTUCE

SUTTON'S SUPREME. A fine Lettuce of the Drumhead type, and a marked advance on other varieties of the same class. Attains a large size with a firm heart, which remains good for a long time before starting seed stems. Leaves prettily edged with red. Pkt. 25c.

MELON

COTTING'S HYBRID. A new greenhouse Melon, raised by Joseph Madden of Manchester, Mass. Flesh orange, oval-shaped, carries three to four Melons to plant, weight 5 to 6 pounds each. Awarded two Certificates of merit by the North Shore Horticultural Society and first-class Certificate of Merit by the Massachusetts Horticultural Society. Pkt. 50c.

"OKA." A new Montreal Melon originated by a Canadian horticulturist, is the result of several years' selection of the Montreal Market crossed with a red fleshed variety, sweet and juicy. The color is a beautiful cream, with a bright salmon flesh. Pkt. 25c.

SUTTON'S KING GEORGE. Fine forcing variety. A unique, bright salmon or scarlet-fleshed Melon of extraordinary thickness, surpassing that of any other variety; skin buff yellow and evenly netted. The plant is strong and short-jointed in habit; foliage large, dark and of great substance; shape oval. Pkt. 50c.

SUTTON'S SUPERLATIVE. Fruit of medium size, almost round and very beautifully netted. Flavor unusually rich, flesh scarlet, emerging into a beautiful green tint near the skin. Plant robust and sets fruit very freely. Pkt 50c.

SPECIALTIES IN VEGETABLE SEEDS—Continued

ONION

AILSA CRAIG. A handsome variety. Globe-shaped, flesh white, with pale yellow skin. A favorite for exhibition. Pkt. 25c., oz. $1.00.

CRANSTON'S EXCELSIOR. Handsome, globe-shaped variety, large solid with small neck, straw color; an exhibition variety. Pkt. 25c., oz. 75c.

DANVERS YELLOW GLOBE, SELECTED STRAIN. The finest type of this popular variety in the market. Grown for us by an Onion specialist in Danvers, Mass. Pkt. 25c., oz. 75c., ¼ lb. $2.50.

GIGANTIC GIBRALTAR. A handsome straw-colored Onion of enormous size, possessed of many sterling qualities. Grand for exhibition. Pkt. 25c., oz. $1.00.

ONION SETS

EBENEZER, or **JAPANESE.** A yellow Onion Set of very fine quality, matures early and a much better keeper than the regular Onion Set; solid and of mild flavor. Qt. 40c., 4 qts. $1.50.

PEAS

ADMIRAL BEATTY. A new and very popular variety, highly productive and of excellent quality. Height 4 ft., pods large, green and produced in pairs. Pt. 75c., qt. $1.40.

SUTTON'S SUPER V. C. The largest podded Pea in existence, height from 5 to 6 ft., large pods of fine flavor and exhibition variety. Pt. $1.00, qt. $1.75.

THE VICTOR. A new main crop variety with large, well filled, deep green pods; height 2 feet; heavy cropper. Pt. 60c., qt. $1.00.

INOCULATE THIS SEED WITH MULFORD CULTURE

PARSLEY

DOBBIE'S EXHIBITION. This Parsley has long been recognized as a standard exhibition sort. It is remarkable for its large, fine leaves and close habit. The seed offered has been saved from selected plants only, every one of which was a perfect specimen. Pkt. 25c., oz. 60c.

TOMATO

AILSA CRAIG. One of the best forcing varieties, also does well outdoors; a heavy cropper. Fruit medium size, smooth and of a rich scarlet color. Pkt. 25c.

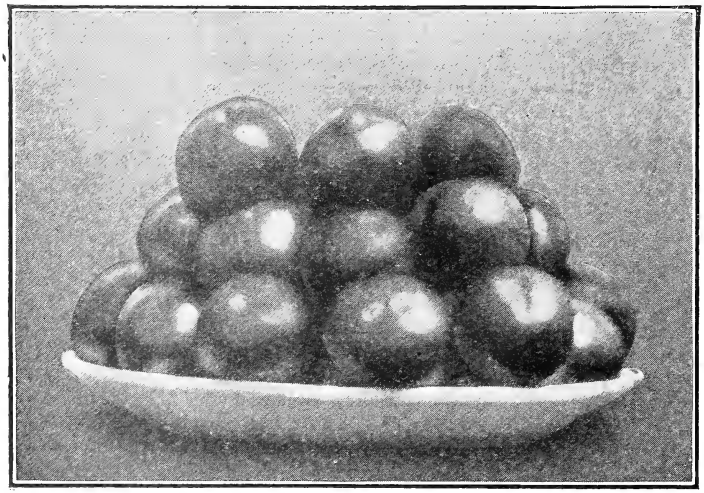
BIDE'S RECRUIT. A very prolific English Tomato suitable for growing under glass or in the open ground. The fruits are of medium size, bright red in color and of excellent quality. Pkt. 25c.

CROCKFORD'S ALASKA, or **"NEW TRELLIS."** Without doubt the finest forcing Tomato on the market. Also the best for outdoors if grown on trellises. Rich deep color, solid flesh. Pkt. 50c.

LISTER'S EXCELSIOR. This variety is the result of a cross between Ailsa Craig and Lister's Prolific, one of the best for forcing or outdoor culture; a heavy cropper of good flavor and color. Original pkts. 35c.

LISTER'S PROLIFIC. This variety combines all the essential qualities of productiveness, size, flavor, and color, whether planted out or grown in greenhouse. The clusters of fruit are borne in great profusion, and are remarkable for the number they carry; smooth and of a rich scarlet color. Original pkts. 35c.

MYSTIC BEAUTY, "CROCKFORD'S." A cross between Bonny Best and Alaska, fully as large as Bonny Best; ripens 10 days earlier and of a much deeper color. One of the best outdoor varieties. Should be grown on stakes. Seed limited. Pkt. 50c.



Crockford's Mystic Beauty

Bradley Estate,
Hingham, Mass.
Oct. 14, 1922.

Thos. J. Grey Co.,

Dear Sirs: The seeds supplied me by your firm for many years have been a decided success. Especially would I mention your Erfurt Cauliflower. Lima Beans were excellent, Early Wonder Beets were a marvel, Grey's Perfection Pea is the best all-round early today. Likewise your flower seeds were as usual good, and your farm seeds also.

Yours very truly,
JAMES DONALD.

General List of

Vegetable Seeds

of Superior Quality

Awarded highest honors by the Massachusetts Horticultural Society for the best collection of vegetables, *i. e.*, a silver medal in 1914 and 1915; and award of $100 cash prize 1916, and Silver Medal 1919 and 1921.

Our Vegetable Seeds are of the highest standard. Grown for us by specialists.

SEEDS BY MAIL.

Our Aim is Purity, Quality and Service.
We deliver free of expense to the purchaser to any point in the United States all seeds quoted in this list at packet, and ounce price.

ARTICHOKE

One ounce will produce about 500 plants.

Sow seeds in April in good, rich soil, in drills 10 to 12 inches apart and about 1 inch deep. Plants should be protected from freezing during Winter, and the following Spring they should be transplanted, setting them 3 feet apart in moist, rich soil. Upon the approach of Winter the stems and leaves should be cut away and the bed covered so as to prevent freezing. Artichokes can also be cultivated as annuals by sowing seeds in hot bed in January and producing strong, vigorous plants, which should be transplanted into moist, rich soil in May.

Large Green Globe. The best variety; heads large and scales tender and excellent. Pkt. 25c., oz. $1.00.

Jerusalem Artichoke (Helianthus tuberosus). Cultivated for its tubers. Qt. 40c., pk. $2.50.

ASPARAGUS

One ounce will produce 200 plants.

A deep, rich, mellow soil is best adapted to the growth of Asparagus. It may be grown from seed or propagated by roots. Sow as early in the Spring as the ground will admit, in drills from 12 to 14 inches apart, and cover 1 inch deep; when the plants are well up, thin to 3 inches apart in the drills. Keep the plants free from weeds during Summer, and protect slightly during Winter.

The following Spring the roots will be ready to transplant into permanent beds; the roots should be set in rows 3 to 4 feet apart, and 1 foot apart in the rows; the crown of the root should be 4 to 6 inches below the surface of the ground. A fair crop may be expected the third year from the seed, or in one to two years when roots are used, according to the age of the roots planted. By planting two-year-old roots a fair crop may be obtained in one year, and after that a full crop every year.

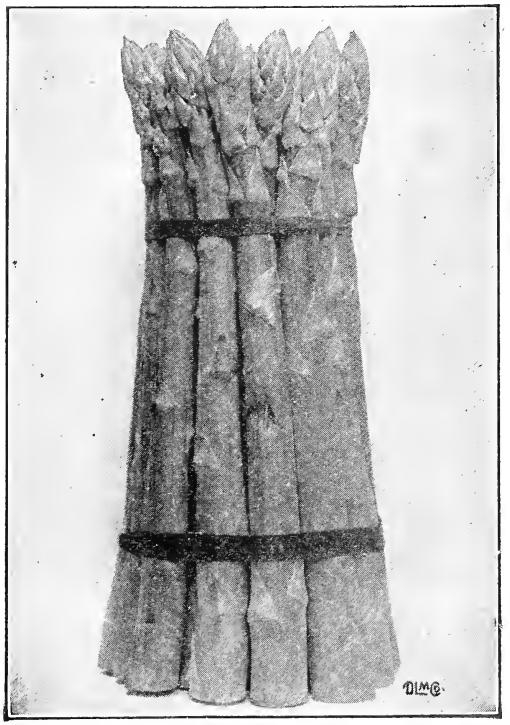
Conover's Colossal. A standard variety, large and of excellent flavor. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

Giant Argenteuil. An early, large variety from France. Less likely to rust than others. Pkt. 25c., oz. 30c., ¼ lb. $1.00

Reading Giant. A variety of recent introduction, very large and free from blight. Pkt. 15c., oz. 50c., ¼ lb. $1.75.

Palmetto. One of the earliest; of large and fine growth. Pkt. 10c., oz. 30c.

Asparagus Roots. Strong, two-year-old plants. Conover's Colossal and Palmetto, each $2.00 per 100, $18.00 per 1000. Giant Argenteuil, $2.50 per 100, $18.50 per 1000. Reading Giant, $2.50 per 100, $18.50 per 1000.



BEANS, Dwarf or Bush

One quart will plant 100 feet of drill. One and one-half bushels will plant one acre.

A warm, light soil is best adapted to the growth of Bush Beans, but they will do well in almost any situation unless it is very wet. Plant in rows 2 to 3 feet apart, dropping the beans 3 inches apart and covering 2 inches. Keep the ground free from weeds and cultivate often. Never disturb the vines when wet, as the pods will become rusty. All the varieties are tender and must not be planted until the soil is dry and warm.

If by mail add Parcel Post rate to cover postage. One quart weighs about 2 pounds.
We furnish 20c. packets of all Beans except where noted.

WAX-PODDED VARIETIES

Black Wax, Improved Prolific. Early, very tender and of good quality. Pt. 35c., qt. 65c.

Black Wax Pencil Pod. Pods are long, pencil-like, very tender and brittle. Pt. 40c., qt. 75c.

Burpee's Kidney Wax. Of excellent quality. Pods long, stringless and free from rust. Pt. 40c., qt. 75c.

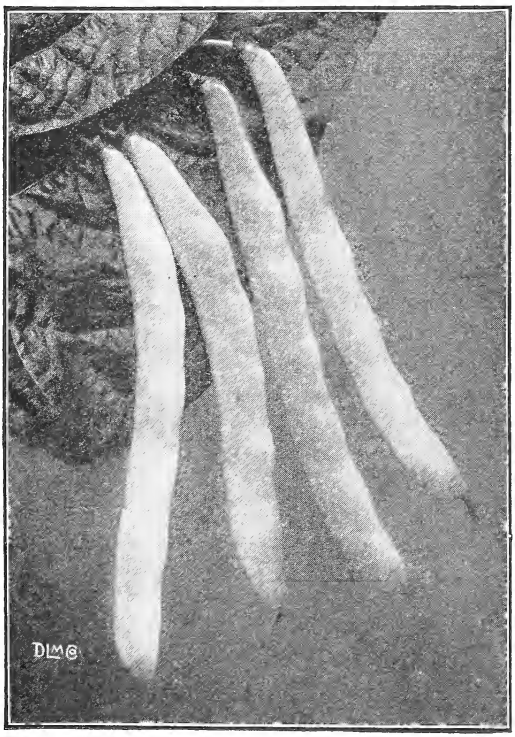
Currie's Rust Proof. Pods long, flat, straight and of a waxy-white color; quality excellent. Pt. 40c., qt. 75c.

Davis' Kidney Wax. Plant vigorous and of compact, upright growth, with pods extra long, straight, oval. Pt. 35c., qt. 60c.

Golden Wax. The standard variety for general use; pods long, broad and flat, very fleshy and of finest quality. Vines erect, hardy and productive. Pt. 35c., qt. 60c.

Golden Eye Wax. A good yielder and very early, not stringless. Pt. 35c., qt. 60c.

Hodson Wax. Very large brittle tender wax pods and very productive. Pt. 35c., qt. 60c.



Beans, Valentine Wax

Refugee Wax, Thorburn. Earliest wax Bean in cultivation; with long, round yellow pods. Pt. 45c., qt. 75c.

Round Pod Kidney Wax. The pods are long, straight and extremely handsome. It is an exceedingly heavy bearer. Pt. 45c., qt. 75c.

Sure Crop Stringless Wax. A valuable new variety of dwarf wax Bean, very productive, rust-proof, and will stand a longer season of damp, wet weather than any other wax Bean. Pt. 40c., qt. 75c.

Wardwell's Kidney Wax. Very long, straight, tender pods. Vines large, vigorous and productive. Pt. 40c., qt. 75c.

GREEN-PODDED VARIETIES

Abundance. An extra early variety, producing a heavy crop of long, stringless pods of excellent flavor. For forcing in the greenhouse during Winter it cannot be surpassed. Pt. 50c., qt. 90c.

INOCULATE THIS SEED WITH MULFORD CULTURE

Bountiful. Extra early, very prolific and long bearing. flat green pods, tender and stringless. Pt. 40c., qt. 75c;

Broad Windsor (Sutton's White). English variety; very hardy. Pt. 50c., qt. 90c.

Early Long Six Weeks. Early and productive, full flat pods. Pt. 35c., qt. 60c.

Emperor of Russia. Extremely prolific and highly esteemed where known. Pods long, slender and meaty. Medium early. French grown. Pkt. 25c., pt. 65c., qt. $1.00.

Full Measure. Firm, tender, large, round pods, entirely stringless. Pt. 45c., qt. 80c.

Giant Stringless, Green Pod. Color deep green, very long, round, fleshy pods; very prolific and entirely stringless. Pt. 35c., qt. 65c.

Goddard (Boston Favorite). Fine shell Bean, pods large and highly colored. Pt. 40c., qt. 75c.

Horticultural Dwarf. A shell Bean of fine quality, early and productive. Pt. 40c., qt. 75c.

Horticultural French's Dwarf. An improved form of Dwarf Horticultural producing long pods, beautifully splashed with bright crimson, heavy cropper. Pt. 45c., qt. 80c.

Lima, Burpee's Improved Bush. Best dwarf Lima; beans large and delicious. Pt. 45c., qt. 85c.

Lima, Dreer's Bush. Possesses all the good quality of the Dreer's Pole Lima. Pt. 45c., qt. 80c.

Lima, Fordhook Bush. Pods and beans twice the size of Dreer's Lima, and earlier. Pt. 45c., qt. 85c.,

Lima, Henderson's Bush. Pods and beans small; of excellent quality as a shell Bean. Pt. 40c., qt. 75c.

Longfellow. Long, straight, round, solid green pods; very early. Pt. 40c., qt. 75c.

Low's Champion. One of the best for snap or shell, with stringless, large, green, flat pods. Pt. 35c., qt. 60c.

BEANS, Green-podded Varieties—Continued

Plentiful, Sutton's. A perfectly distinct dwarf Bean, bearing a most abundant crop of long, broad, straight pods which are practically stringless and of excellent flavor. One of the earliest varieties and one which we can confidently recommend for all gardens, and especially where forcing is practiced. Pt. 50c., qt. 90c.

Refugee Extra Early. Pods green, round, quality excellent extremely early and prolific. Pt. 35c., qt. 60c.

Refugee, Late. Very tender and productive; the best variety for pickling. Pt. 35c., qt. 60c.

Refugee, Keeney's Stringless. Similar to Late Refugee, but more tender and entirely free from strings. Pt. 40c., qt. 85c.

Stringless Green Pod, Burpee's. Extra early, prolific, round pod and stringless. Pt. 35c., qt. 65c.

Triumph of the Frames. The earliest French forcing variety. Pt. 65c., qt. $1.25.

Valentine, Black. Long, round, solid pods; very early; Pt. 40c., qt. 75c.

Valentine, Improved. One of the earliest; pods round, thick and fleshy, of finest quality; leading market variety. Pt. 35c., qt. 60c.

Warren. Pods round, of good size, stringless and tender; excellent quality. Pt. 40c., qt. 75c.

Wonder of France. A valuable French variety for forcing. Pt. 65c., qt. $1.25.

Beans, Pole or Running

One quart will plant about 150 hills

All under this head require poles 6 to 8 feet long and should not be planted until the ground is warm, as they are more tender than the dwarf varieties. Plant about the middle of May, if the season is suitable. The Lima Beans are very susceptible to cold and wet, and apt to rot in the ground, and should not be planted until all danger from frost is over, and the soil is dry and warm.

If by mail, add Parcel Post rate of 1 pound for pint, 2 pounds for quart, to cover postage.

Arlington Red Cranberry. Pods large, very tender, and almost stringless. Pt. 40c., qt. 75c.

Burger's Stringless Green-Pod. In some sections this is called White Seeded Kentucky Wonder. It is earlier and covers a longer season of productiveness. The pods, borne in clusters, average six to eight inches in length. Pt. 45c., qt. 85c.

Dutch Case-Knife. Very early and prolific; fine shelled, green or dry. Pt. 40c., qt. 75c.

Golden Cluster, Dreer's. Pods a beautiful golden yellow, from 6 to 8 inches long, produced in clusters of four to six. The earliest of the pole wax Beans, and very productive. Quality excellent. Pt. 50c., qt. 85c.

Improved Kentucky Wonder (Old Homestead). Excellent, very productive. Pods a silvery-green color, of large size and entirely stringless. Pt. 35c., qt. 65c.

Indian Chief. Fleshy wax pods of an excellent quality. Pt. 60c., qt. $1.00.

Kentucky Wonder Wax. A Wax Pole Bean with all the good qualities of old Kentucky Wonder or Old Homestead. Pt. 50c., qt. 85c.

King Horticultural (Worcester). Early and productive. The long, beautifully colored pods hang in rich clusters. A greatly improved pole horticultural. Pt. 40c., qt. 75c.

Lazy Wife. Pods long, stringless and of a rich buttery flavor. Pt. 45c., qt. 85c.

Lima, Carpinteria. A large-seeded variety of vigorous growth. Pods large and well filled with beans of excellent flavor. Pt. 40c., qt. 75c.

Lima, Dreer's Improved, or Challenger. An improved Lima, different in shape, being much thicker than the old Lima and superior in quality. Pt. 45c., qt. 85c.

Lima, Siebert Early. An immense yielder and excellent quality. Pt. 45c., qt. 85c.

Lima Sieva, or Small. A popular small-seeded variety. Pt. 45c., qt. 85c.

Mont d'Or, or Golden Butter. A strong, vigorous grower, with pods 6 to 8 inches long in clusters, thick and fleshy. Pt. 50c., qt. 90c.

Runner, Scarlet. Bright scarlet flowers. Used both as a string and shelled Bean. Pt. 45c., qt. 80c.

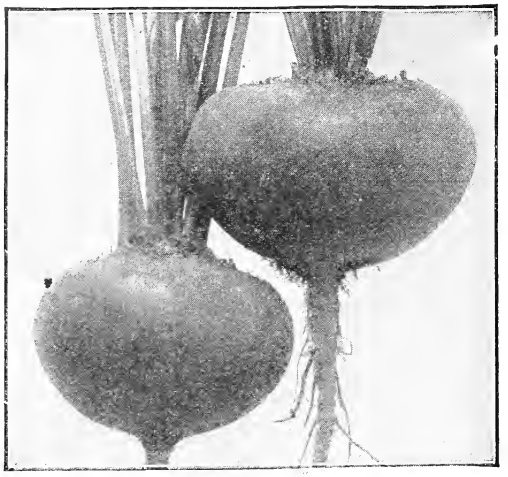
Runner, White. Very effective planted with the Scarlet Runner. Pt. 45c., qt. 80c.

DWARF SHELL BEANS

Improved Yellow Eye. One of the best sorts for baking; extremely productive and of superior quality. Pt. 20c., qt. 35c., 4 qts. $1.25.

Vermont Pea Bean. A most productive small white baking variety, of superior quality. Pt. 20c., qt. 35c., 4 qts. $1.25.

Red Kidney. Popular baking bean. Pt. 20c., qt. 35c. 4 qts. $1.25.



BEET

One ounce will sow 50 feet of drill; five to six pounds an acre.

A deep, light, sandy loam that has been well enriched is best adapted to the growth of the Beet. Sow in drills, from April until July, 16 inches apart, and about 1 inch deep; thin the plants to about 3 inches apart. The Turnip-rooted are the best, and all early varieties are used extensively for greens.

Bastian's Early. Of quick and large growth; bright red color. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.75.

Crimson Globe. Early, of globe shape, and rich, deep crimson flesh. Pkt. 10c., oz. 25c., ¼ lb. 85c., lb. $2.25.

Crosby's Egyptian. Selected. Arlington Grown. One of the earliest dark-leaved varieties; fine quality. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

BEET—Continued.

Crosby's Egyptian. One of the earliest dark red varieties; fine quality. Very popular among market gardeners. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.00.

Detroit, Dark Red. Round and smooth, deep red; very tender. Pkt. 10c., oz. 20c., ¼ lb. 65c., lb. $2.00.

Dewing's Blood Turnip. Of fine form and flavor; deep red. A desirable variety. Pkt. 10c., oz. 15c., ¼ lb. 55c., lb. $1.75.

Early Eclipse. Early, globe-shaped, dark red, small top, smooth roots. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Edmands. Deep blood-red color, round and smooth; excellent quality; highly recommended. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Grey's Blood Turnip. One of the very best strains for market gardeners; small top, round, handsome, and very dark red. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Long Smooth Blood. Large, late; deep blood red; good for Winter use; sweet and tender. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.25.

Swiss Chard. The leaves of this variety are used as Spinach, and the midrib of the leaf, cooked and served up like Asparagus, is delicious. Pkt. 10c., oz. 25c., ¼ lb. 85c.

Swiss Chard Lucullus. A tall-growing variety, crinkled leaves, tender and of fine flavor. Pkt. 10c., oz. 25c., ¼ lb. 85c.

SUGAR BEET and MANGEL WURZEL

Sow in April or May using six to ten pounds of seed to the acre.

Grey's Prize Long Red Mangel Wurzel. The most largely grown of any of the Mangels; roots attain an enormous size, producing thirty to fifty tons to the acre; quality superior, the best for deep soil. Oz. 15c., ¼ lb. 40c., lb. $1.25.

Golden Tankard Mangel Wurzel. The flesh is bright golden yellow; very large, and will produce more Mangels to the acre than any other variety; excellent for feeding stock. Oz. 10c., ¼ lb. 30c., lb. 75c.

Giant Yellow Intermediate Mangel Wurzel. A very large yellow sort, of good quality, and produced in great abundance. Oz. 10c., ¼ lb. 30c., lb. 75c.

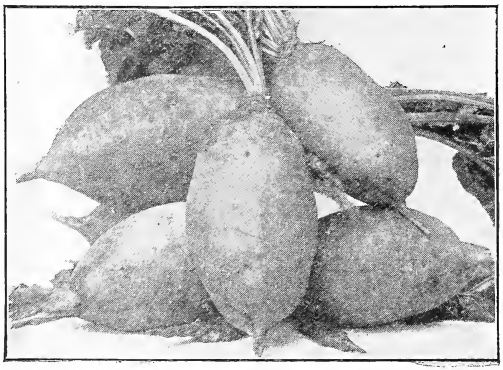
Improved White Sugar Beet. Grows to a large size, and is useful for making sugar, as well as for stock feeding. Oz. 10c., ¼ lb. 35c., lb. $1.00.

Lane's Improved Sugar Beet. Large, hardy, productive and excellent quality. Oz. 10c., ¼ lb. 30c., lb. $1.00.

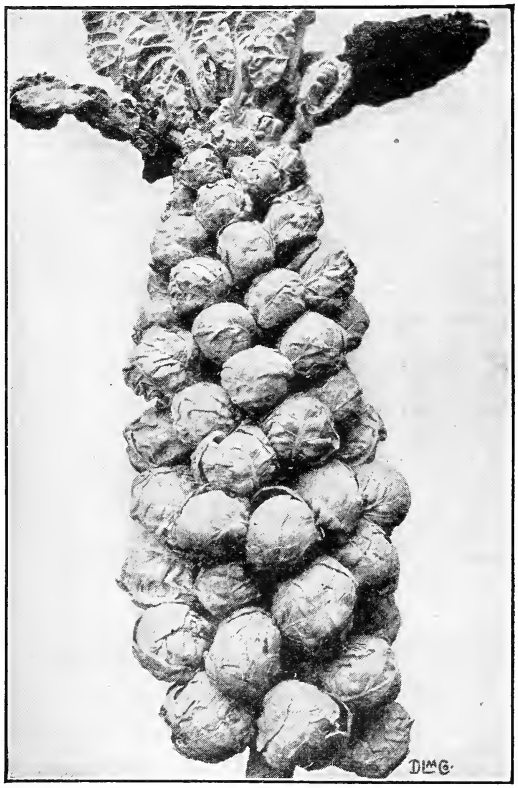
Norbiton Giant Mangel Wurzel. Long red. A valuable variety for deep soil; very productive. Oz. 10c., ¼ lb. 30c., lb. 75c.

Red Globe. Similiar to Yellow Globe except in color. Oz. 10c., ¼ lb. 30c., lb. 85c.

Yellow Globe Mangel Wurzel. A large, round, orange-colored variety of excellent quality; good keeper; best for shallow soil. Oz. 10c., ¼ lb. 30c., lb. 80c.



Golden Tankard Mangel Wurzel



BRUSSELS SPROUTS

One ounce will produce 2000 *plants.*

Cultivated for the small heads that grow from the main stem; these small heads are firm and compact like little Cabbages and are considered a great delicacy by many people. Cultivate the same as Cabbage or Cauliflower.

Aigburth. Very large sprouts; hardy and productive. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Dobbie's Exhibition. Grows taller than the above; is of good quality and very productive. Pkt. 25c., oz. 60c., ¼ lb. $1.75.

Improved Dwarf French. Tender and of fine flavor. Pkt. 10c., oz. 35c.

Long Island Improved. Very compact heads; productive. Pkt. 15c., oz. 40c., ¼ lb. $1.25.

BROCCOLI

One ounce will produce 2000 *plants.*

This vegetable closely resembles the Cauliflower. A very rich, deep soil is required to grow the Broccoli to perfection; the seed should be sown early in the Spring, and the plants transplanted into rows 3 feet apart, with 2 feet between the plants.

Italian Purple Sprouting. An early maturing variety yielding a profusion of purple sprouts of delicious flavor. Pkt. 15c., oz. 65c.

White Cape. Heads compact, good size, and of a creamy white. Pkt. 25c., oz. $1.75.

CABBAGE

One ounce produces about 3000 plants.

For early use a sowing may be made in the hotbed in February or March, and for Winter use seed should be sown in the open ground in May or June. When the plants are 5 or 6 inches in height, transplant into rows 3 to 3½ feet apart, setting the plants from 2 to 3 feet apart in the rows, according to the variety. A deep, rich, loamy soil is best adapted to the growth of this crop, and if large, fine heads are expected, the land must be prepared by very heavy manuring. A handful of wood ashes thrown into the forming heads will not only keep off the cabbage-fly, but will assist the growth of the plants to a considerable extent. Slug Shot is equally effective.

All-Seasons. An early drumhead, sure heading solid variety. Desirable for early or Fall use. Pkt. 10c., oz. 30c., ¼ lb. $1.25.

All-Head. Earliest of the large Cabbages; heads uniformly solid. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

American Improved Savoy. The favorite curled Savoy Cabbage of finest quality, and an excellent keeper. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

Autumn King. The heads are of enormous size and very solid. It has few outer leaves, and owing to this fact, it is claimed that it will produce a greater weight of crop from the same space of ground than most other late Cabbages. Pkt. 15c., oz. 50c., ¼ lb. $1.50.

Charleston, or **Large Wakefield.** This strain is about one week later than early Jersey Wakefield but the heads are fully one-half larger; will not burst when ripe. Pkt. 15c., oz. 75c., ¼ lb. $2.75.

Copenhagen Market. As early as Charleston Wakefield. Very solid. Excellent market sort. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

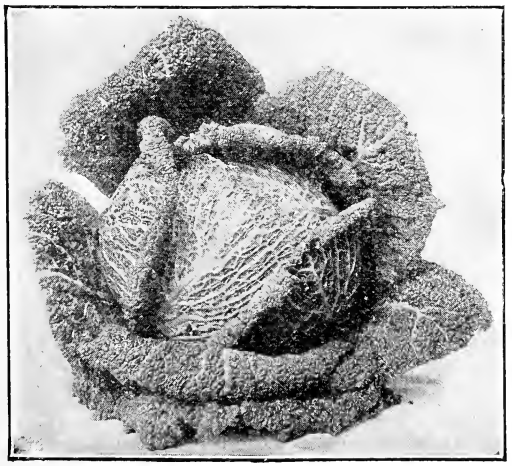
Danish Ball Head. A Winter Cabbage. Extra hard-headed and of fine quality. Pkt. 15c., oz. 40c., ¼ lb. $1.50.

Danish Round Head. A short-stemmed type of the Danish Ball Head, maturing earlier than that variety; excellent quality, producing large, solid, globe-shaped heads. One of the best Winter sorts. Pkt. 10c., oz. 60c., ¼ lb. $2.25.

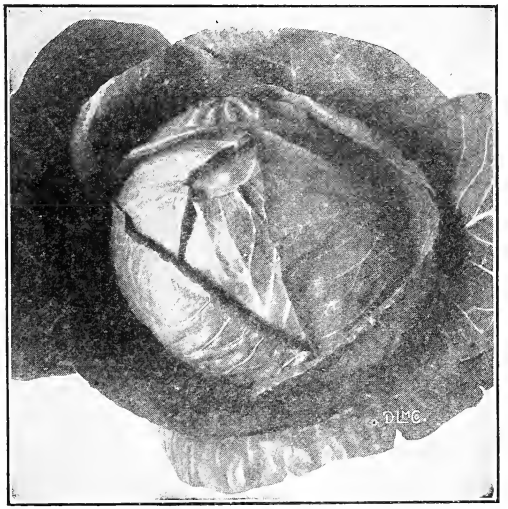
Enkhuizen Glory. An early, large, solid, white variety. One of the best. Pkt. 15c., oz. 40c., ¼ lb. $1.50.

Early Summer, Henderson's. A few days later than Wakefield, rather larger and more globe-shaped; much used by market gardeners; stands long in head. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

Early Jersey Wakefield. One of the most popular, early pointed varieties; good grower. Pkt. 10c., oz. 35c., ¼ lb. $1.25.



Globe Curled Savoy, Special Strain



Copenhagen Market

Early Spring. The earliest flat-headed Cabbage in cultivation; as early as Wakefield. The heads are uniform and very solid. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

Early Winnigstadt. Pointed variety; both for early and late sowing. Pkt. 10c., oz. 35c., ¼ lb. $1.25.

Fottler's Brunswick. The standard market variety; a drumhead; grows to a large size; solid, tender, good shape and a good keeper. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Globe Curled Savoy. A variety with finely curled leaves and of delicate flavor; used for Fall crop or for Winter. Pkt. 25c., oz. $1.00, ¼ lb. $3.75.

Mammoth Red Rock. The largest and surest heading Red Cabbage; heads as large and solid as Flat Dutch and fine grained. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

Marblehead Mammoth. The largest known variety, drumhead; sometimes growing to weigh over 50 pounds; reliable header. Pkt. 15c., oz. 75c., ¼ lb. $2.75.

Wong Bok Chinese Cabbage. Resembles Cos Lettuce in growth. Pkt. 10c. oz. 60c. ¼ lb. $2.00.

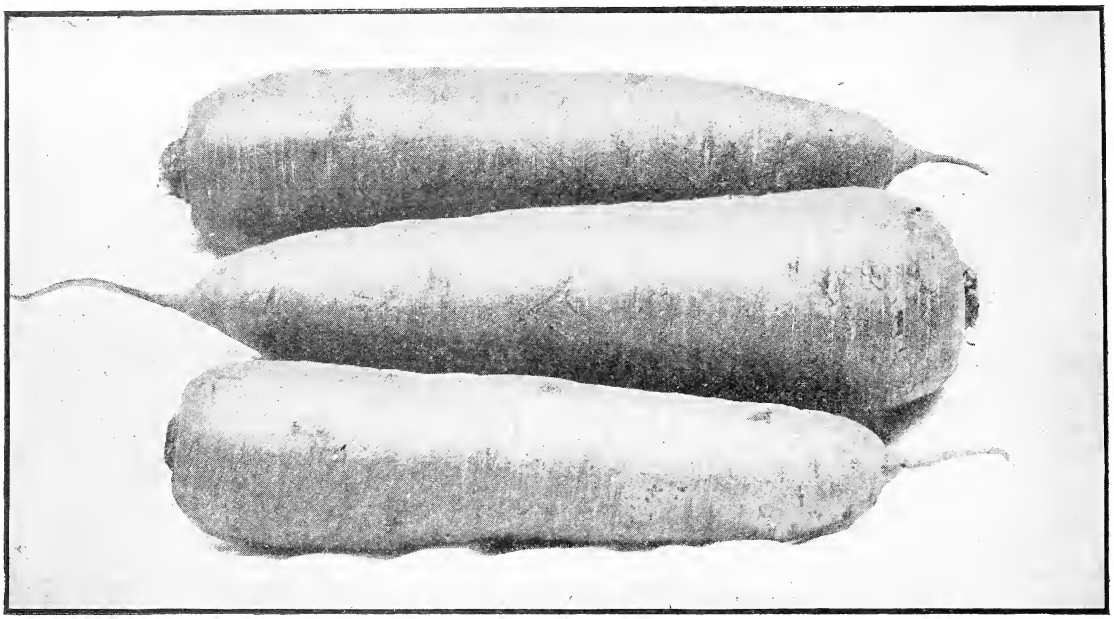
Premium Flat Dutch. A popular and highly esteemed late variety; its keeping qualities are unsurpassed. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

Red Dutch Pickling. Used extensively for pickling purposes; tender, medium size. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

Stone Mason. Select strain. One of the oldest and best-known varieties; large size; drumhead; grown principally as a late Cabbage, and for Winter keeping. Pkt. 20c., oz. $1.00, ¼ lb. $4.00.

Succession. A second early sort with large, solid heads. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

Cabbage Plants. See page 24.



Carrots, Danvers Half-Long Improved, Special Strain

CARROT

One ounce will sow 100 feet of drill; three pounds required for one acre.

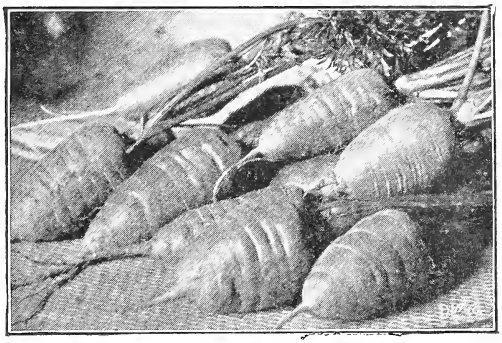
The Carrot flourishes best in a good, light, well enriched loam. Where there is a choice of situations, heavy and wet soils should be avoided, and preference given to the light and dry. For an early crop sow as soon as the ground is in good working condition; planting for general crop may be made as late as June, but early sowings succeed best. The early, small-sized varieties may be sown in drills 10 inches apart, but the larger sorts require at least 18 inches between the rows; cover about ½ inch deep, and when the plants are well up, thin to 3 to 4 inches apart. As an agricultural root, the Carrot is unsurpassed for feeding stock.

We furnish packets of all varieties of Carrots at 10c. each, postpaid. Except where noted.

Chantenay Half-Long, Stump-Rooted. The best sort for bunching, stump-rooted, and a good color at all stages of growth. Oz. 35c., ¼ lb. $1.00.

Danvers Half-Long The best variety for general crop; is of rich color and a good keeper; yields largely and is easily harvested. Oz. 25c., ¼ lb. 75c., lb. $2.00.

Danvers Half-Long Improved. Special Strain. Grown for us by a leading market gardener in Danvers. Pkt. 15c., oz. 75c., ¼ lb. $2.75.



Carrots, Early Scarlet Horn

Earliest French Forcing. A small round root; the earliest variety and good for forcing under glass. Pkt. 15c., oz. 50c., ¼ lb. $1.50.

Early Scarlet Horn. A medium-sized root, half-long, of fine color, and much used for cooking; grown for early use, and to sell in bunches. Oz. 25c., ¼ lb. 75c., lb. $2.50.

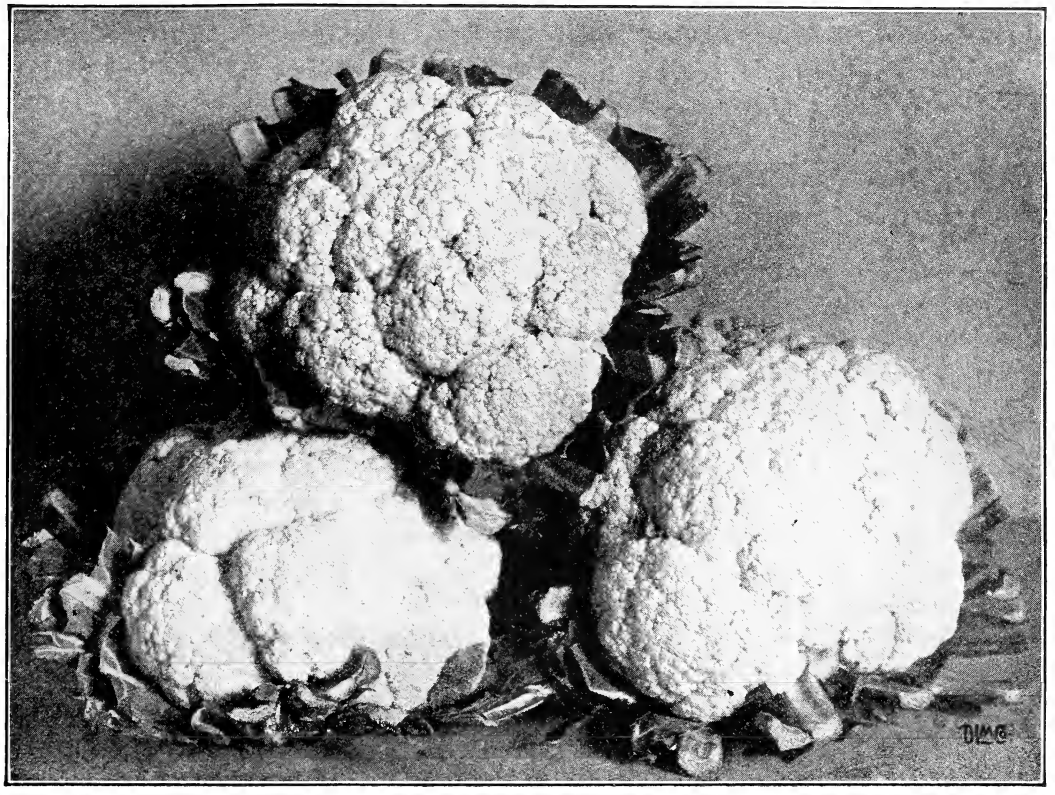
Guerande, or **Oxheart.** Intermediate length; 3 to 5 inches in diameter; fine quality. Oz. 25c., ¼ lb. 75c., lb. $2.50.

Half-Long Scarlet Nantes. A stump-rooted variety of fine color. Oz. 30c., ¼ lb. 75c., lb. $2.50.

Improved Long Orange. Excellent for stock or table use; roots deep orange, 12 to 15 inches. Oz. 20c., ¼ lb. 65c., lb. $2.00.

Improved Short White. The largest and heaviest cropping Carrot known; the roots are short, very heavy at the shoulder, of uniform shape and smooth. Oz. 20c., ¼ lb. 65c., lb. $2.00.

James' Intermediate. The best intermediate variety, tapering to a point; small core and of fine flavor Oz. 30c., ¼ lb. $1.00, lb. $3.00.



Cauliflower, Earliest Dwarf Erfurt

CAULIFLOWER

One ounce will produce 3000 plants.

The Cauliflower, like the Cabbage, requires a deep, rich soil, and seldom succeeds well when grown on land long under cultivation. Sow the seed in the hotbed in March and transplant into the garden in May; set the plants in rows and cultivate the same as Cabbage. If the season is dry, water often, as Cauliflowers cannot be grown to perfection without plenty of moisture.

Danish Perfection. A very early variety of the Dwarf Erfurt type. The leaves are long, stand straight up making the inner leaves curl over and protect the head. All the heads mature the same time, making it possible to clear the ground at one cutting. Pkt. 25c., oz. $4.00, ¼ lb. $15.00.

Early Snowball. Grey's Selected. A favorite variety, very sure to head. This strain has given excellent satisfaction during the many years we have sold it, and we believe no better strain can be found. Pkt. 25c., oz. $5.00, ¼ lb. $16.00.

Earliest Dwarf Erfurt. One of the earliest varieties; very dwarf, with large, white, compact heads of finest quality. Excellent for forcing. Pkt. 25c., oz. $5.00, ¼ lb. $16.00.

Early Dwarf Danish, or **Dry Weather.** A choice strain that comes to maturity very evenly; a favorite for first crop with many growers. Pkt. 25c., oz. $4.00, ¼ lb. $15.00.

Lenormand's Short-Stem. A large, late short-stemmed variety. Pkt. 10c., oz. $1.50, ¼ lb. $5.00.

Veitch's Autumn Giant. Heads very large, white and compact; well protected by foliage; will remain suitable for use a long time. Pkt. 15c., oz. $1.00, ¼ lb. $3.00.

CHERVIL

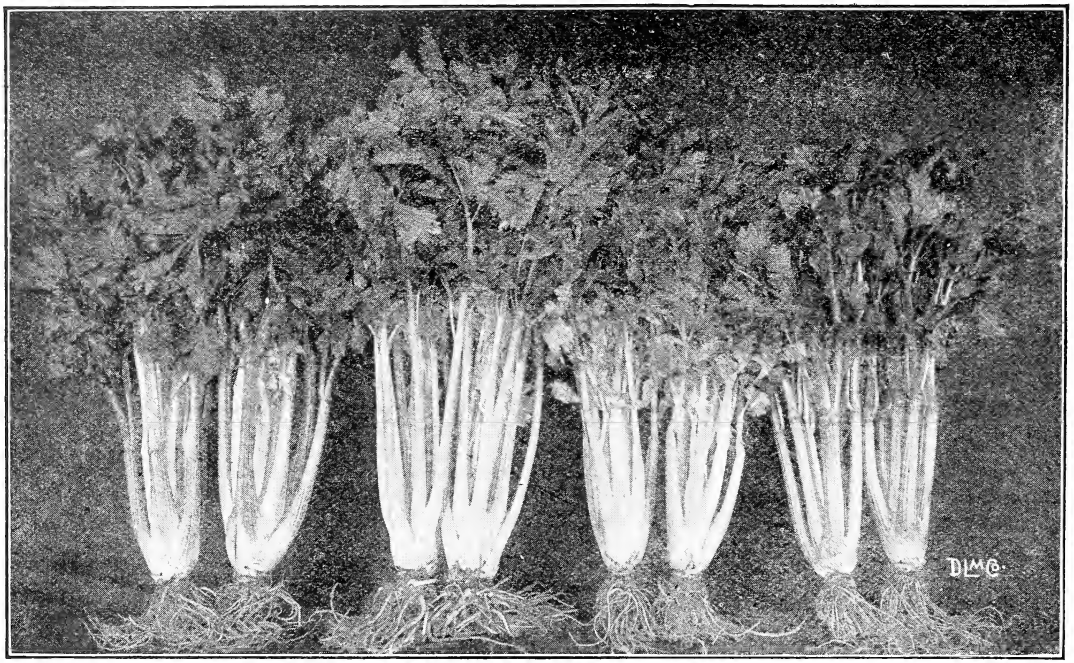
Curled Chervil. Cultivated like Parsley. The young leaves are used for flavoring soups and salads; and are also used for garnishing. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

CHICORY See Endive, page 11.

Large-Rooted Magdeburg. Roots when dried and roasted are used as a substitute for coffee. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Witloof, or **French Endive.** Plant in May or June in drills. Thin to 6 inches apart. Early in the Fall the roots should be removed, the tops cut off to within 1½ inches of the neck, the roots make a uniform length of 8 or 10 inches. They should then be planted in trenches somewhat below the level of the ground. Trenches should be filled with light soil, or if a quick growth is desired, should be covered with horse manure several inches deep. In about four weeks the leaves will be ready for use. Pkt 10c., oz. 40c., ¼ lb. $1.25.

Chives. In frequent demand for soups and salads. Pkt. 25c. Plants 20c. per clump.



Giant Pascal White Plume Golden Self-Blanching Boston Market

CELERY

One ounce will produce about 4000 *plants.*

Sow the seeds in March or April in a hotbed or coldframe. As soon as the plants are 3 inches high, transplant into a prepared border, setting them 4 inches apart. When grown 6 inches, and fine stocky plants, set in richly manured, deep soil, in rows 3½ feet apart, and about 9 inches from plant to plant. Water, if dry weather follows transplanting. During the next two months all the attention required is to keep down weeds. Afterward earth up a little and continue doing so at intervals until only the tops of the leaves are visible late in Autumn. Never hoe or earth up when the plants are wet.

Boston Market, Selected. The finest flavored variety in cultivation; solid, crisp and of excellent, nutty flavor; dwarf, branching habit; blanches perfectly white; a splendid keeper. Pkt. 15c., oz. $1.00, ¼ lb. $3.50.

Carter's Dwarf Crimson. Crisp, tender and delicious; a good keeper. Pkt. 10c., oz. 75c.

Celeriac, or **Turnip-Rooted Celery. Giant Smooth Prague.** A variety of Celery having Turnip-shaped roots, which may be cooked, sliced and used in vinegar, also in soup; cultivated as Celery. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Giant Pascal. Of a fine nutty flavor, entirely free from any bitter taste. It grows about 2 feet high, the stalks being broad, thick, solid and crisp, with golden yellow heart. A valuable variety for both second early and Winter use. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

Golden Self-Blanching. Best for early use; color rich golden yellow; crisp, tender and of fine flavor; keeps well throughout the season. Pkt. 25c., oz. $1.50, ¼ lb. $5.00.

New Rose. The finest of its class. Fine flavor, solid, crisp and entirely free from stringiness; a splendid variety for late use. Pkt. 5c., oz. 30c., ¼ lb. $1.00.

Newark Market. A green, easy blanching variety, the stalks are large and heavy, broad, solid, crisp and tender; a good keeper and will blanch in cold storage. Pkt. 25c., oz. $2.50.

White Plume. Very ornamental; the stalks and portions of the leaves are naturally white. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

Winter Queen. A late variety of medium height, with thick, solid stalks. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

CRESS, or PEPPER GRASS

One ounce will sow 100 *feet of drill.*

A popular salad, which should be sown early in Spring—very thickly in shallow drills—and at short intervals, for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.50.

Water. This wholesome salad may be grown in any moist situation, but more successfully by the edge of a running brook. The seed may be sown in May, on the ground where it is intended to be grown and the thinnings transplanted. The plants should be set not less than a foot apart. The Cress will be fit for gathering the second year. Pkt. 10c., oz. 75c.

CORN, Sweet, or Sugar

One quart will plant 200 hills; ten quarts will plant one acre in hills.

We furnish 15c. packets of all varieties of Sweet Corn free of postage by mail. For other quantities add Parcel Post rate if to go by mail. One quart weighs about 2 pounds.

Corn requires a mellow, loamy, well pulverized soil, and frequent hoeings. Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or plant in rows 3 to 4 feet apart, and thin the plants out to 8 or 9 inches in the row. From the beginning of May until the middle of July successive planting can be made every two or three weeks, and by properly selecting the varieties a continued supply can be had until frost kills the plants.

Black Mexican. One of the sweetest and best varieties; grains black when ripe, but when in condition for the table cooks white. Pt. 30c., qt. 50c., pk. $3.00.

Corn, Field and Fodder. See page 25.

Country Gentleman. Cob small, with deep kernels of pearly whiteness; quality delicious. Pt. 25c., qt. 40c., pk. $2.50.

Early Champion. Early, large, twelve-rowed, and of fine quality. Pt. 30c., qt. 50c., pk. $3.00.

Early Crosby. A popular variety; early, good size and quick growth; white kernels and one of the best. Pt. 25c., qt. 40c., pk. $2.50.

Early Cory, Red Cob. A very early variety, with good-sized ears and large grains; excellent for market. Pt. 25c., qt. 40c., pk. $2.50.

Early Cory, White Cob. A selection from Red Cory, being as early and having white kernels. Pt. 25c., qt. 40c., pk. $2.50.

Early Golden Improved. Sweet, tender and delicious. Ears large, ten- to twelve-rowed, rich golden yellow color. New England grown. Pt. 30c., qt. 50c., pk. $3.50.

Golden Bantam. Early, sweet and tender. Smaller than Early Golden; eight-rowed. A favorite variety. Pt. 30c., qt. 50c., pk. $3.50.

Mayflower, Early. An extra early white variety; Matures one week in advance of white Cory. Growth of stalk 4½ to 5 feet, eight to twelve rows of kernels. large ear. Pt. 25c., qt. 45c., pk. $3.00.

Moore's Early Concord. Large; handsome ears; quality good. Pt. 25c., qt. 45c., pk. $3.00.

Peep-O-Day. This Corn has two valuable points—extraordinary earliness and sweetness. It may be used as an early or late variety with equal success. Pt. 25c., qt. 40c., pk. $2.50.

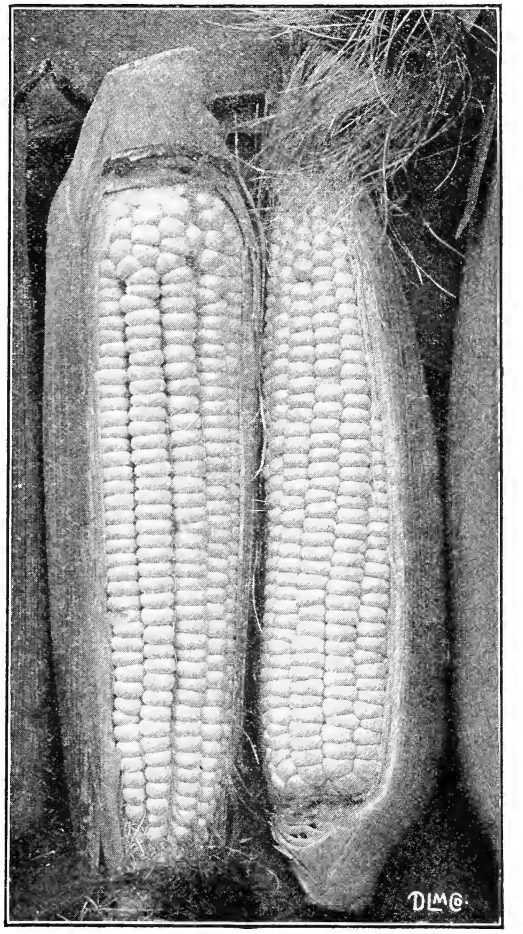
Pocahontas. One of the earliest varieties in cultivation; ears large and very productive; of fine quality. Pt. 25c., qt. 40c., pk. $2.50.

Potter's Excelsior, or **Squantum.** Medium late; grows to a good height and produces medium-sized, twelve-rowed ears of excellent quality. The sweetest white Corn. Requires liberal seeding, the germ being delicate. Pt. 25c., qt. 40c., pk. $2.50.

Quincy Market. Nearly as early as Cory, but larger and sweeter. Valuable for the family garden as well as for market. It is ready for the table as soon as the Crosby, which it strongly resembles. Pt. 30c., qt. 50c., pk. $3.50.

Stowell's Evergreen Special Strain. This Corn is an earlier type than the old variety, maturing a week earlier and especially adapted for New Engalnd. The kernels are long and narrow, 18- to 22-rowed. Pt. 30c., qt. 50c., Pk. $3.50.

Washington, or **Bear's Foot.** Medium late variety, One of the best for market. Ears of large size with 16 to 18 irregular rows. Kernels deep and tender. Pt. 30c., qt. 50c., pk. $3.50.



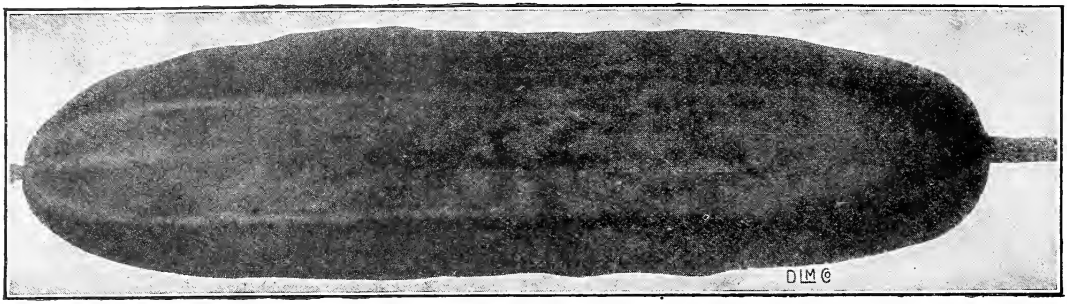
Corn Pocahontas

CORN SALAD, or FETTICUS

One ounce will sow 100 feet of drill.

This excellent salad may be had the year round. Sow in September, in drills 8 inches apart, covering the seeds lightly and protect from frost by a light covering of hay or litter. The seed may also be sown in Spring.

Large-Seeded. The most popular variety grown. Pkt. 10c., oz. 30c., ¼ lb. $1.00.



Arlington White Spine

CUCUMBER

One ounce will plant about 50 hills. One and one-half pounds to one acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can be readily lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop, plant in hills 4 feet apart, in the end of May. Make the hills rich with well rotted manure, and keep the young plants safe from the striped bug by dusting with dry plaster, or powdered Hellebore. Leave four strong plants to each hill.

Arlington White Spine. One of the finest Cucumbers for forcing and one of the most perfect in shape, size, color and quality, and is very brittle and crisp. Pkt. 15c., oz. 30c., ¼ lb. $1.00.

Boston Pickling. The best pickling variety yet introduced; very productive; quick growing, superior color and quality; the most popular variety among the market gardeners. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Cool and Crisp. Extra early and very prolific; long, straight, slender and dark green. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Cumberland. Fine pickling variety. Pkt. 5c., oz. 20c., ¼ lb. 60c.

Davis' Perfect. Highly recommended; dark, rich, green in color, crisp and tender. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Early Russian. Earliest variety known; fruit small, about 5 inches long; quality fine. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Early Frame, or **Short Green.** Medium size, very early and good for pickling and slicing. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Early Cluster. Fruit small and borne in pairs; light green, great bearer; a standard sort. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Everbearing. Begins to fruit very early, and continues to blossom and set fruit until killed by frost; good as a pickler or slicer. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Forcing (Private Stock). Longer than our Arlington White Spine, and very uniform in shape and color. Especially recommended for forcing. Pkt. 25c., oz. $1.00.

Improved White Spine. The best variety for table use or for market; retains its color a long time after being picked; very productive. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Japanese Climbing. Fruit about 10 inches long; thick and of fine flavor. Skin dark green, flesh pure white; can be grown on trellises and fences. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Long Green. Prickly; firm, crisp, dark green; excellent table variety. Pkt. 10c., oz. 25c., ¼ lb. 75c.

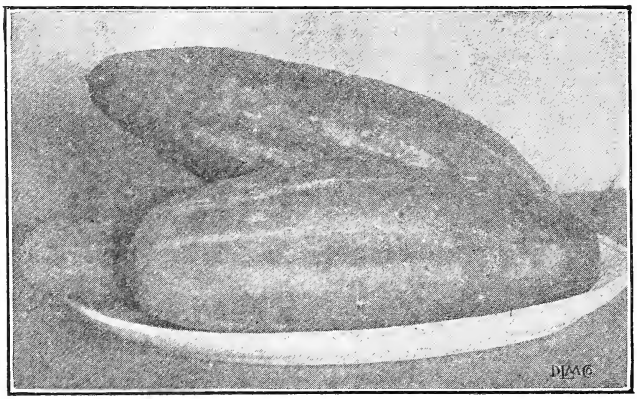
Tailby's Hybrid. Valuable for forcing; grows uniformly straight and smooth; a cross between the White Spine and an English Frame variety. Pkt. 10c., oz. 20c., ¼ lb. 60c.

West India Gherkin. Used for pickling purposes; a small, oval-shape variety; has the appearance of a burr. Pkt. 10c., oz. 25c., ¼ lb. 90c.

English Frame Varieties

The following are excellent varieties for growing in forcing houses:

Duke of Edinburgh, Rollinson's Telegraph, The Rochford, Epicurean, Tender and True. Each, per pkt. 50c.



Cool and Crisp

DANDELION

One ounce will sow 200 feet of drill; two pounds will sow an acre

Extensively used as early Spring greens, and considered very healthful. Sow seed in May or June, in any good soil, in drills 15 inches apart, upon beds made smooth with the rake. Cover very lightly and press the earth firmly upon the seed. Cultivate during the Summer to keep down the weeds. Cover with litter upon the approach of severe weather, and remove the covering early in Spring. If spare frames are at hand, they may be used to advantage by setting them over a portion of the bed, and forcing the Dandelions under them, thus forwarding a portion of the crop. Dandelions make an excellent salad if blanched by earthing up, or placing boards to exclude the light.

American Improved. A stocky, thick-leaf hardy variety, grown largely for the Bostor market; the best for general use. Pkt. 25c., oz. $1.50, ¼ lb. $5.00.

EGGPLANT

One ounce will produce 100 *plants.*

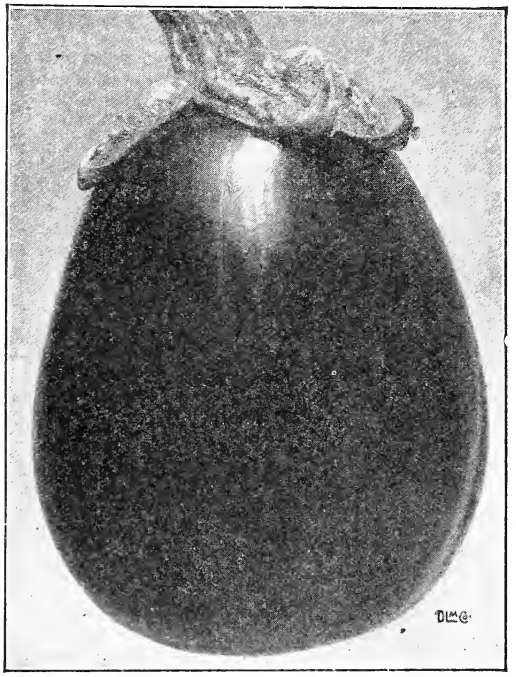
Sow in hotbeds very early in Spring, and transplant when 2 inches high into a second bed or into small pots. If that is not done, thin to 4 inches apart. Do not plant out till the weather becomes perfectly settled and warm. Cool nights or wet weather will check them. Keep some back in frames for a second planting, in case of weather changing unexpectedly. Keep plants watered for a few days if the sun is hot when put out. Set out plants 3 feet by 2.

Black Beauty. Very early and as large as New York Improved. Rich purplish black color. Pkt. 15c., oz. 85c.

Black Pekin. Fruit globular, almost black in color, fine grained, and delicately flavored. Pkt. 10c., oz. 75c.

Early Long Purple. A very early, hardy and productive variety of good quality. Pkt 15c., oz 85c.

New York Improved. A leading market variety; fruit large, oval, very productive. Pkt. 15c., oz. 85c.



ENDIVE

One ounce will sow 150 *feet of drill.*

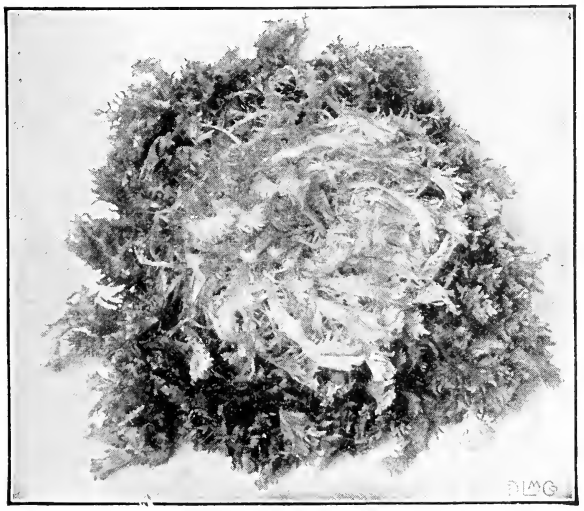
A rather moist soil is preferred. Sow early in the Spring in drills 12 inches apart, and thin out the plants to 10 inches apart in the drills as soon as they are large enough to handle. Before using, the plants must be blanched, which is accomplished by gathering the leaves to a point at the top and tying them together with matting or any soft material. It makes a most delicious salad.

Broad-leaved Batavian. Leaves broad; light green, and require to be tied up for blanching. Pkt. 10c., oz. 35c., ¼ lb. $1.00.

Green Curled. A very hardy, dark green, closely curled variety, tender and crisp. Pkt. 10c., oz. 35c., ¼ lb. $1.00.

Moss Curled. Beautifully curled, and when well developed resembles a tuft of moss. Pkt. 10c., oz. 35c., ¼ lb. $1.00.

Witloof. See **Chicory,** page 7.



FENNEL, Florence, or Naples

(*Finocchio di Napoli*)

Sow in Spring in rows 16 to 20 inches apart and thin to 5 or 6 inches apart. Water freely. Pkt. 15c., oz. 50c.,

KALE, or BORECOLE

One ounce will produce 1500 *plants.*

Of all the Cabbage tribe this is the most tender and delicate. Early plants may be started in the hotbed, or the seeds may be sown in the open ground in April or May; transplant in June, into rows, and cultivate the same as Cabbage. Sea Kale should be blanched either under large pots or by banking up with sand.

Dwarf Green Curled. One of the best; very hardy and improved by a moderate frost. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Sea Kale. Pkt. 5c., oz. 30c.

Winter, or Siberian Greens (Sprouts). Sow in August or early in September in rows 1 foot apart and cultivate like Spinach. A hardy variety. Pkt. 10c., oz. 25c., ¼ lb. 75c.

KOHL-RABI

One ounce will sow 200 *feet of drill.*

This vegetable, the popularity of which is rapidly increasing, combines the virtues of the Turnip and Cabbage, but excels both in nutritive, hardy and productive qualities. The seed may be sown in June in rows 18 inches apart, and the plants thinned out to 8 or 10 inches.

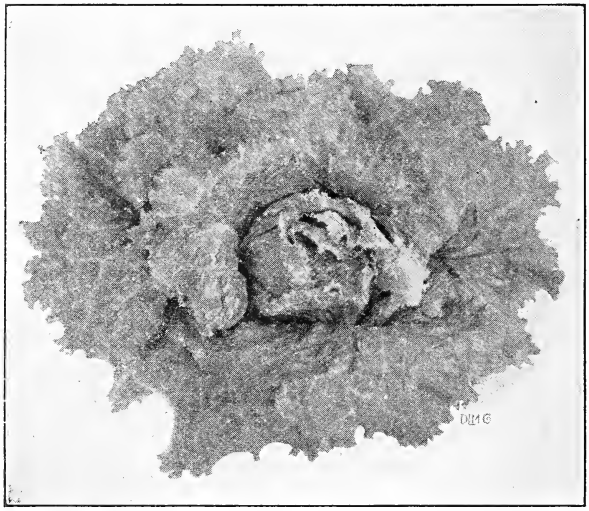
Purple Vienna. Similar to the following, except in color. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

White Vienna. The earliest and best table or market variety. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

LETTUCE

One ounce will produce about 3000 *plants.*

Lettuce succeeds best in rich and comparative moist soil. and is most crisp and tender if grown in cool, moist weather. The more rapidly the plants are grown, the more tender and brittle will be their quality. For early use, sow under glass in February or March, and transplant into a previously prepared hotbed; rows at least 12 inches apart, according to the varieties. Sowing may be made in the open ground as soon as all danger from frost is over; if a continuous supply is desired during the season, make sowing every two or three weeks until September.



Wonderful

All the Year Round. A valuable variety, with compact, close heads. Pkt. 10c., oz. 30c., ¼ lb. 75c.

Big Boston. A most desirable variety either for forcing or open ground planting. Pkt. 10c., oz. 30c., ¼ lb. 75c.

Boston Curled. A variety highly esteemed for earliness, beauty of form. Pkt. 5c., oz. 25c., ¼ lb. 65c.

Black Seeded Mammoth Butter. The largest and considered by many the best variety for the late crop. Produces enormous formed heads of the finest quality. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Crumpled Leaf. For greenhouses and hotbeds. Heads large, with dark green leaves. Pkt. 10c., oz. 60., ¼ lb. $2.00.

Deacon. Splendid variety for standing Summer heat large, solid heads, tender, crisp and sweet. Pkt. 10c., oz. 25., ¼ lb. 75.

Defiance. One of the best Summer varieties, remaining crisp and tender for a long time. Pkt. 10c., oz. 25c., ¼ lb. 75c.

French. Unrivalled. Suitable for growing at any season A sure heading variety forming large, compact heads, and slow to run to seed. Similar to Big Boston, being lighter green in color and not tinged with brown. Pkt. 10c., oz. 30c., ¼ lb. 75c.

Giant Crystal Head. Outside leaves curled, with red edges. Heads large and solid. Pkt. 10c., oz. 30c., ¼ lb. 75c.

Grand Rapids. Crisp and tender, fine for forcing or outdoor culture. Pkt. 5c., oz. 25c,. ¼ lb. 60c.

Hanson Improved. A superior, curled heading variety, of large size, sweet, tender and crisp. Pkt. 5c., oz. 25c., ¼ lb. 60c.

Hittinger's Belmont Forcing. A choice strain for forcing. Much larger than the White-Seeded Tennis Ball, and a little later. Quality excellent. Pkt. 15c., oz. 75c., ¼ lb. $2.50.

Iceberg. A solid heading, large variety of excellent quality. Pkt. 5c., oz. 20c., ¼ lb. 50c.

May King. Grows quickly and produces globe-shaped heads which are ten to fourteen days earlier than any other, and which stand a long time before going to seed. An excellent variety either for outdoor culture or for greenhouse. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Mignonette. Very solid and compact, and of a distinct russet color. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Prize Head. Large, loose heads, tinged with brown. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Rheingold. Heads large and of a pure golden yellow. An excellent Summer Lettuce, standing the heat well. Nearly as early as May King, which it resembles. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

Salamander. Fine compact heads, which resist Summer heat admirably. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Simpson Black Seeded. Leaves delicate golden yellow; a superior variety either for forcing or sowing out of doors. Pkt. 5c., oz. 15c., ¼ lb. 40c.

Simpson Early Curled. Early variety; good for forcing or open ground. Pkt. 5c., oz. 20c., ¼ lb. 60c.

Sutton's Supreme. A fine Lettuce of the Drumhead type, and a marked advance on other varieties of the same class. Attains a large size, with a firm heart, which remains good for a long time before starting seed stems Leaves prettily edged with red. Pkt. 25c.

Tennis Ball, Black Seeded. Select Strain. A very popular sort for open ground culture; forms a handsome head and is crisp and tender. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Tennis Ball, White Seeded. Extensively grown for forcing and heading under glass; heads firm and good size very white and crisp. Pkt. 10c., oz. 60c., ¼ lb. $2.00.

Tom Thumb. A splendid variety for hotbeds and pot culture; compact heads and crisp. Pkt. 10c., oz. 30c., ¼ lb. 75c.

"Wayahead." Very early, with large tightly folded heads; the outer leaves are light green, with the inner head finely blanched to a rich buttery yellow. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

Wonderful, or **New York Cabbage.** One of the largest varieties. A wonerful heat resister and a strong grower. Heads solid, crisp and tender. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Romaine, or Cos Varieties

Golden Yellow Cos. Large, solid heads with bright yellow leaves. Pkt. 10c., oz. 35c., ¼ lb. $1.25.

Paris White Cos. The leaves should be tied up for a few days to facilitate blanching. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Sutton's Little Gem Cos. An entirely distinct Cos. Lettuce, and a most valuable dwarf, compact variety. Very dark green, small, solid, crisp, slow in running to seed, and of delicious quality. Pkt. 25c., ½ oz. 60c., oz. $1.00.

Trianon Self-Closing Cos. The finest of the Cos varieties. Leaves long, narrow and erect. Pkt. 10c., oz. 40c., ¼ lb. $1.00.

Pomfret Center, Conn.,
Nov. 30, 1923.
Gentlemen: Enclosed find photo of part of my garden. All seeds supplied by you gave entire satisfaction.
Sincerely yours,
GEO. FARQUHAR.

LEEK

One ounce will sow 100 feet of drill.

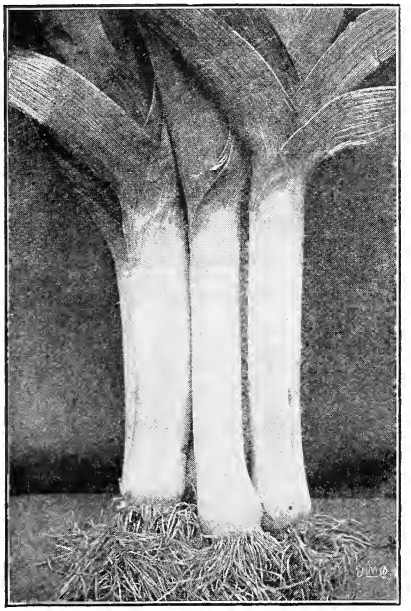
The Leek is very hardy, and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 or 8 inches high, transplant in rows 10 inches apart each way, setting them deep, that the neck, being covered may be blanched.

Musselburgh, or Scotch. A very large variety of superior quality. Pkt. 10c., oz. 50c., ¼ lb. $1.25.

Giant Carentan. Large size and extra fine quality. Pkt. 10c., oz. 50c., ¼ lb. $1.25.

Large Flag Winter. Desirable for market or family use. Pkt. 10c., oz. 40c., ¼ lb. $1.00.

Large Rouen. Grows to a large size and keeps well. Pkt. 10c., oz. 60c., ¼ lb. $1.50.



MARTYNIA

One ounce will plant 100 hills.

Sow in the open ground in May, and thin out the plants to 2 or 3 feet apart, or a few seeds may be sown in a hotbed and afterward transplanted.

Proboscidea. Pkt. 10c., oz. 50c.

MUSKMELON

One ounce will plant 60 hills, two to three pounds for an acre.

Cultivate in hills, which should be 5 to 6 feet apart each way, and composed of light, moderately rich soil. The hills should be dug about 2 feet square, 18 inches deep, and half filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, six to eight seeds to the hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

Green and Yellow-Fleshed Varieties

Arlington Nutmeg. Deep green, finely netted, flesh greenish yellow; rich and sugary. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Bay View. Largest, most prolific, best flavored, finest Cantaloupe in cultivation. Pkt. 5c., oz. 15c., ¼ lb. 40c.

Extra Early Hackensack. Large size, round shape, deeply ribbed, roughly netted; flesh green, very sweet, and highly flavored. Pkt. 5c., oz. 15c., ¼ lb. 50c.

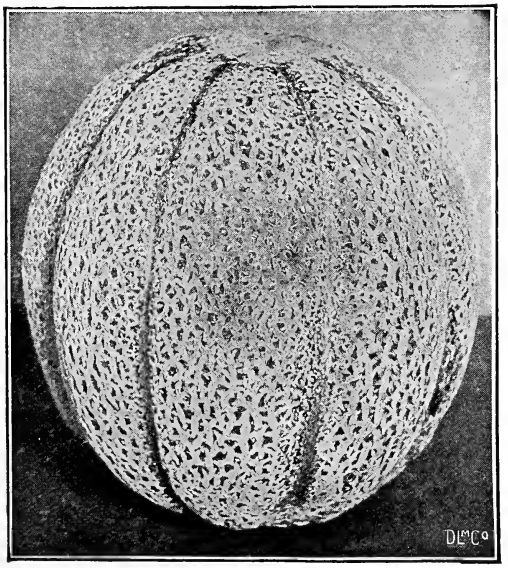
Honey Dew. A delicious new melon about 6 inches in diameter, weight about 5 to 6 pounds. One of the best and very sweet. Pkt. 15c., oz. 50c.

Long Yellow. Well-known standard variety; deeply ribbed; flesh yellow; thick and sweet. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Miller's Cream. Nearly round, light green netted skin, with yellow flesh. Quality good. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Montreal Nutmeg. A thick-fleshed Melon delicious flavor; skin densely netted. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Rocky Ford. One of the best varieties. Flesh thick and green; sweet and luscious. Pkt, 5c., oz. 10c., ¼ lb. 30c.



Rocky Ford Melon

Red, or Salmon-Fleshed Varieties

Banquet. Beautifully netted, medium sized; flesh rich salmon; fine quality. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Burrell's Gem. Medium size. Flesh reddish orange, thick, fine grained and juicy. Pkt. 5c., oz. 15c., ¼ lb. 50c.

Early Christiana. One of the best first early sorts. Very short and deeply ribbed; flesh salmon colored, spicy and delicious. Pkt. 10c., oz. 50c., ¼ lb. $1.25.

Emerald Gem. Small, extra early; smooth ribbed dark green skin, and orange flesh; sweet. Pkt. 10c., oz. 20c., ¼ lb. 75c.

Fordhook (Burpee). Small, very early, of vigorous growth and surprisingly sweet. Pkt. 10c., oz. 25c., ¼ lb. 75c.

H. H. Rogers. The finest outdoor Melon in cultivation. Fruit is of a large, globular shape, rich salmon-colored flesh, exquisite flavor. Pkt. 15c., oz. 50c.

Honeydrop Improved. Flesh deep orange color, very thick and sweet with a delicious flavor; good size and very productive. Pkt. 15c., oz. 50c., ¼ lb. $1.50.

Surprise. Early, oblong, with rich orange flesh of good quality. Pkt. 10c., oz. 25c., ¼ lb. 75c.

English Frame Melons

Green Flesh Varieties: Sutton's Superb, Perfection, Best of All, Royal Favorite, Royal Sovereign, Royal Jubilee, Hero of Lockinge, Windsor Castle. Each 50c. per packet.

Scarlet Flesh Varieties: Blenheim Orange, Sutton's Invincible, Triumph, Sutton's King George, Sutton's Superlative. Each 50c. per packet.

WATERMELON

One ounce will plant 30 hills. Four pounds will plant one acre.

Cultivate in the same manner as Muskmelons, but plant 8 to 10 feet apart.

Cole's Early. Very early variety; flesh very deep and sweet; color light green striped. Pkt. 10c., oz. 20c., ¼ lb. 50c.

Colorado Preserving. This is more productive than the common preserving Citron, and larger; the flesh is firm and solid. Pkt. 10c., oz. 20c., ¼ lb. 50c.

Cuban Queen. Beautifully striped, dark and light green; vigorous in growth; flesh bright red, solid, luscious, crisp and sugary. Pkt. 10c., oz. 20c., ¼ lb. 50c.

Early Fordhook. Extra early, good size, green skin, red flesh. Pkt. 10c., oz. 20c., ¼ lb. 50c.

Halbert Honey. Dark green skin; flesh crimson, luscious and sweet. Vigorous grower. Pkt. 10c., oz. 25c., ¼ lb. 50c.

Kleckley Sweets. Exceedingly sweet and fine flavored. Scarlet flesh. Pkt. 10c., oz. 25c., ¼ lb. 75c.

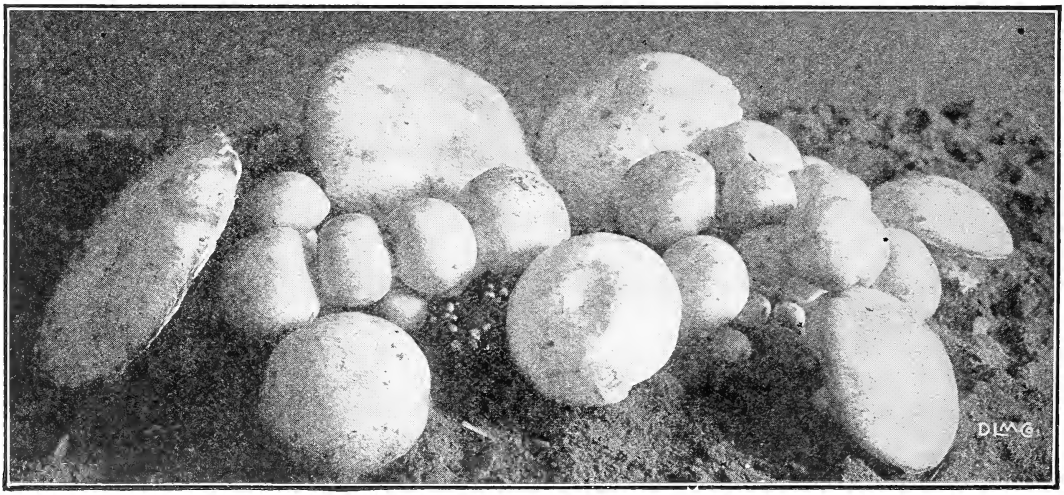
Ice Cream. Fruit round, of medium size; skin pale green; flesh scarlet, crisp and delicious. Pkt. 10c., oz. 20c., ¼ lb. 50c.

Mammoth Ironclad. Excellent, of large size; the flesh is deep red and of a delicious rich flavor. Unsurpassed for shipping. Pkt. 10c., oz. 20c., ¼ lb. 50c.

Mountain Sweet. One of the best for general culture; color dark green, rind thin, flesh scarlet, solid, very sweet and delicious. Pkt. 10c., oz. 20c., ¼ lb. 50c.

Phinney's Early. An early variety, of medium size; red fleshed, quite hardy, and very productive; quality excellent. Pkt. 10c., oz. 20c., ¼ lb. 50c.

Vick's Early. Very early, oblong, medium size, with bright pink flesh, solid and sweet. Pkt. 10c., oz. 20c., ¼ lb. 50c.



MUSHROOM

One pound of spawn is sufficient for nine square feet of bed.

Mushrooms are more easily cultivated than many people imagine, and may be grown in any dark room or cellar where the temperature can be maintained at from fifty to sixty-five degrees. For the bed, use a mixture of horse manure and good fresh loam in equal proportions. Before being placed in the bed let this material be thoroughly mixed, and well turned three or four times to sweeten in some dry place. Upon a dry, firm bottom, proceed to make the bed, by spreading a thin layer of the prepared mixture and pound it firm till the bed is eight inches thick. Leave it thus for about a week, or till the temperature of the bed has subsided to ninety or ninety-five degrees. Then make holes about 10 inches apart, and put in each a piece of spawn about the size of an egg. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition ten days. Then cover with 2 inches of fresh loam. Over this place a few inches of straw. If the temperature is right, Mushrooms will appear in six to eight weeks from time of spawning. The bed will continue bearing about a month. After the first crop is gathered, spread over the bed an inch of fresh loam, and moisten with warm water. In the event of the surface of the bed getting very dry at any time, it should be moistened freely with water at a temperature of eighty to eighty-five degrees.

If wanted by mail, add postage at parcel post rates.

American Pure Culture. Single bricks 30c. each, 20 bricks $5.00.

American Pure Culture. New mammoth strain. Single bricks. 40c. each, 20 bricks, $7.00.

MUSTARD

One ounce will sow 50 feet of drill.

Green Mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

Chinese Broad-leaved. Leaves much larger than the white Mustard. Flavor pleasantly sweet and pungent. Can be cooked like Spinach. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.00.

Fordhook Fancy. Very ornamental. Plants of vigorous growth; cooked same as Spinach. Pkt. 10c., oz. 25c., ¼ lb. 75c.

White. Much used for salads; the seed is also used medicinally, and as a seasoning for pickles. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

OKRA, or GUMBO

One ounce will sow 40 feet of drill.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May, in drills 3 feet apart, and thin out the plants to 1 foot apart.

Improved Dwarf Green. Very early; smooth pods. Pkt. 10c., oz. 25c., ¼ lb. 50c.

White Velvet, or **Creole.** Pods smooth, of large size, and a ceamy white. Pkt. 5c., oz. 10c., ¼ lb. 35c.

Oct. 31, 1923.

Gentlemen: Pleased to say all the seeds from you this season were very satisfactory as usual. Send at once four more bushels of your special lawn grass seed.

THOMAS OWEN,
Medfield, Mass.

ONION

One ounce will sow 100 feet of drill. Four or five pounds to the acre.

The Onion thrives best in light, loamy, mellow, soil; and, unlike most kinds of garden vegetables, succeeds well when cultivated on the same land for successive years. The seed should be sown as early in the Spring as the ground is in good working condition, in drills 14 inches apart; and covered ¼ inch deep. Unless the plants stand very thick they need not be thinned out much, as they will crowd each other and find room to grow. Keep free from weeds, but be careful not to disturb the growing bulbs. A top dressing of wood ashes, applied after the second weeding, is very beneficial to this crop, as will soon be observed by the dark and healthy change of color given to the plants. The Onions will ripen early in September, and after being gathered and exposed to the sun for a few days for drying, they will be ready for storing or the market.

Ailsa Craig. Grows to a large size; very mild flavor; pale yellow. A valuable exhibition variety. Pkt. 25c., oz. $1.00, ¼ lb. $3.50.

Barletta. A very early, small, pure white variety, flesh firm and mild in flavor. Excellent for pickling. Pkt. 10c., oz. 60c., ¼ lb. $2.00.

Cranston's Excelsior. Handsome, globe-shaped variety; large, solid, with small neck; straw color. An exhibition variety. Pkt. 25c., oz. $1.00

Danvers Yellow Globe. Selected with the greatest care; the true shape and color; a reliable and sure cropper. Pkt. 10c., oz. 35c., ¼ lb. $1.00, lb. $3.50.

Danvers Yellow Globe. Selected Strain. The finest type of this popular variety on the market. Grown for us by an Onion specialist in Danvers. Pkt. 25c., oz. 85c., ¼ lb. $2.50.

Early Red Globe. Of beautiful shape; splendid quality, and an excellent keeper. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

Giant White Italian Tripoli. An excellent, large, white, Italian variety; of quick growth, mild and pleasant flavor. Pkt. 10c., oz. 60c., ¼ lb. $2.25.

Gigantic Gibraltar. A handsome, straw-colored Onion of enormous size, possessed of many sterling qualities. Grand for exhibition. Pkt. 25c., oz. $1.00.

Large Red Wethersfield. The leading red variety of the East; almost round; deep red color; grows to good size and is a good keeper. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Mammoth Silver King. Of attractive shape, with silvery white skin and flesh of a most agreeable mild flavor. It matures quite early and frequently measures 20 inches in circumference. Pkt. 10c., oz. 60c., ¼ lb. $2.25.

Prizetaker. Of a rich straw color and enormous size, averaging 12 to 14 inches in circumference. Although of such great size, it is very hard and an excellent keeper. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

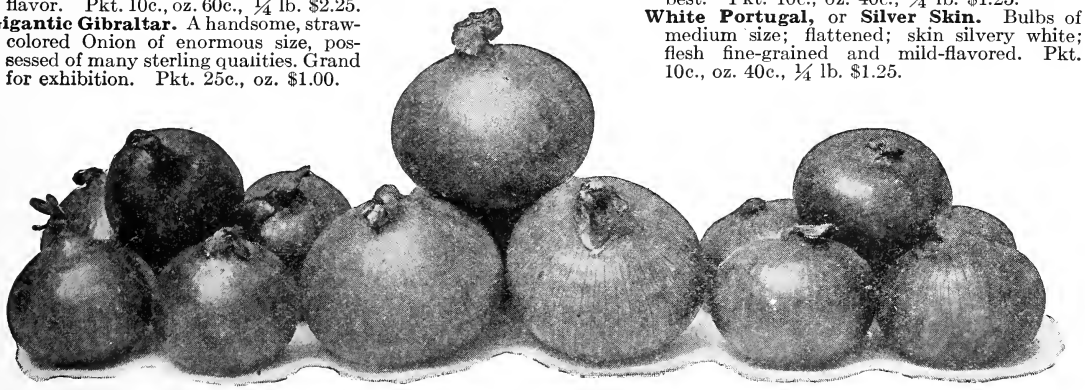
Southport Red Globe. A good late sort. Keeps well. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Southport Yellow Globe. A fine large variety. Somewhat later than the Danvers. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

The Queen. A handsome silver-skinned variety; esteemed for its rapid growth, mild flavor and fine keeping-qualities. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

White Globe. Of mild flavor; good keeper. One of the best. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

White Portugal, or **Silver Skin.** Bulbs of medium size; flattened; skin silvery white; flesh fine-grained and mild-flavored. Pkt. 10c., oz. 40c., ¼ lb. $1.25.



Southport Red Globe **Danvers Yellow Globe** **Red Wethersfield**

Grown by Edward Parker, Supt., Oliver Ames Estate, North Easton, Mass. Part of our Silver Medal Collection

ONION SETS

Prices Variable.

These are small Onions grown the previous year, ripened off and taken up when mere bulblets. They produce a very early crop, and grow in any good soil. Set them 3 or 4 inches apart in rows 1 foot apart. Potato Onions are generally grown from bulbs grown in clusters which are separated when planted.

If ordered by mail, add postage.

Shallots. Much used in soups, salads, etc. Qt. 35c., pk. $2.00.

Potato Onions, White (Multipliers). Pure silvery white; very productive and early, and keep remarkably well. Qt. 35c., pk. $2.00.

Potato Onions, Yellow. These are considered a little earlier than the white and yellow sets. Qt. 35c., pk. $2.00.

White Sets. The best for general use, early, and of fine flavor. Qt. 35c., 4 qts. $1.25, pk. $2.00.

Yellow Sets. Preferred by some to white sets; not quite as mild flavored. Qt. 30c., 4 qts. $1.00, pk. $1.75.

Garlic, for flavoring, 50c. a lb.

PARSNIP

One ounce will sow 100 *feet of drill. Five to six pounds to the acre.*

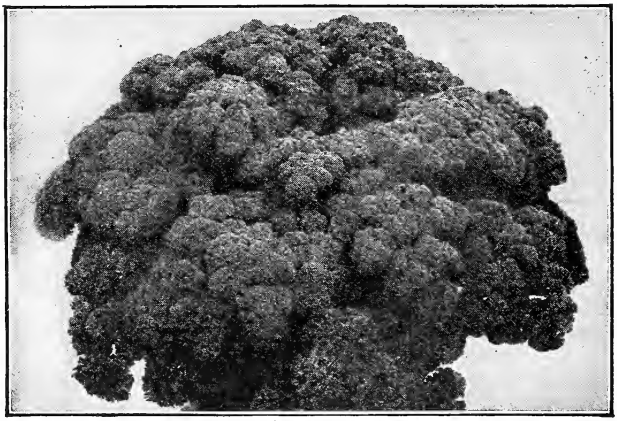
Sow in April or early in May, as Parsnips require a long season to mature. Their cultivation is otherwise the same as directed for Carrots. They may be dug in the Autumn and stored for Winter use, but if left in the ground till the following Spring they are very much improved in flavor. Sow a liberal quantity of seed, as from its nature it does not always come up well.

Arlington Long White. A good variety for general use; long and smooth. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Early Round. The earliest variety in cultivation, of good flavor but of small size. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

Hollow-Crowned. Roots very long, white, smooth and sweet. Excellent flavor. Pkt. 5c., oz. 25c., ¼ lb. 75c.

Student. A favorite English variety; tender and smooth. Pkt. 10c., oz. 30c., ¼ lb. $1.00.



Grey's Perfection

PARSLEY

One ounce will sow 150 *feet of drill.*

Parsley succeeds best in rich, mellow soil, and as the seed germinates slowly—sometimes remaining in the earth four or five weeks before the plants appear—the sowing should be made as early in Spring as the ground is in working condition. Can also be sown in hotbed in February. When the plants are 2 or 3 inches high, thin them out to 8 or 10 inches apart. The leaves of the curled varieties are used for garnishing, also for flavoring soups and stews.

Double Curled. Dwarf, finely curled; excellent for table and edgings. Pkt. 10c., oz. 25c., ¼ lb. 75c.

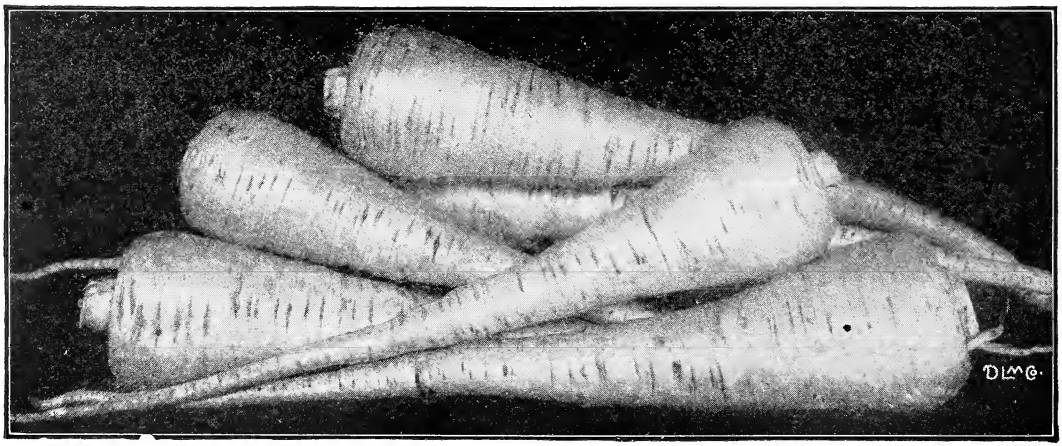
Dobbie's Exhibition. This Parsley has long been recognized as a standard exhibition sort. It is remarkable for its large, fine leaves and close habit. The seed offered has been saved from selected plants only; every one was a perfect specimen. Pkt. 25c., oz. 75c.

Fern-leaved. Resembles crested fern or moss; grand for table decoration. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Grey's Perfection. Beautifully curled and highly ornamental. Pkt. 25c., oz. 75c.

Hamburg, or **Rooted.** The roots are used for flavoring. Pkt. 10c., oz. 25., ¼ lb. 75c.

Moss Curled. One of the finest varieties for garnishing on account of its mossy appearance and its bright color. Pkt. 10c., oz. 25c., ¼ lb. 75c.



Hollow-Crowned

PEAS

One quart will sow 100 *feet of drill. One and one-half bushels per acre.*

Peas succeed best in light, rich soil; dwarf varieties require liberal manuring, the tall varieties requiring less; they also succeed best under a low temperature. The early round, smooth varieties should be planted as early in Spring as possible, while the wrinkled sorts, which are more tender, will do better if planted after the ground becomes warmer. Sow in drills, 2 to 3 feet apart, according to variety, and cover early sowings about 2 inches; later plantings should be covered 3 to 4 inches. Make the drills deep enough to allow room for the manure, which should be scattered along the bottom of the drill and then covered thinly with soil before sowing the Peas, so that they will not come in contact with it. Successive plantings can be made every ten days up to the middle of July. For the later plantings the early varieties are preferred.

If ordered to go by mail, add Parcel Post rate to cover postage. We furnish 20c. packages of all kinds of Peas, except where noted, free postage. One quart weighs about 2 pounds.

Early Varieties

Alaska, or **Clipper.** A superior blue-seeded variety, very early and productive. A valuable variety, either for private use or for market. Pods well filled. 2½ feet. Pt. 30c., qt. 50c., 4 qts. $1.75.

American Wonder, Bliss'. One of the earliest and sweetest of the dwarf wrinkled varieties. Pt. 40c., qt. 75c., 4 qts. $2.75, pk. $5.00.

Blue Bantam. A fine extra early, wrinkled Pea. Large pods well filled with deep green, fine flavored peas. Height 2½ feet. Pt. 45c., qt. 85c., 4 qts. $3.00.

Claudit. This is very early, prolific, slightly wrinkled, and of excellent quality. Pt. 30c., qt. 50c., 4 qts. $1.75.

Duke of York. Large, long pods, well filled with peas of excellent quality. Very early. Pt. 40c., qt. 70c., 4 qts. $2.50.

Early Morn. Of Gradus type. Early, with large pods, and peas of good flavor. 3 feet. Pt. 50c., qt. 90c., 4 qts. $3.50.

Extra Early Premium Gem. A dwarf, wrinkled Pea of good quality; pods long and of a dark green color; very early; 18 inches. Pt. 35c., qt. 60c., 4 qts. $2.25.

First and Best. Very early, and a good yielder. 2½ feet. Pt. 30c., qt. 50c., 4 qts. $1.75.

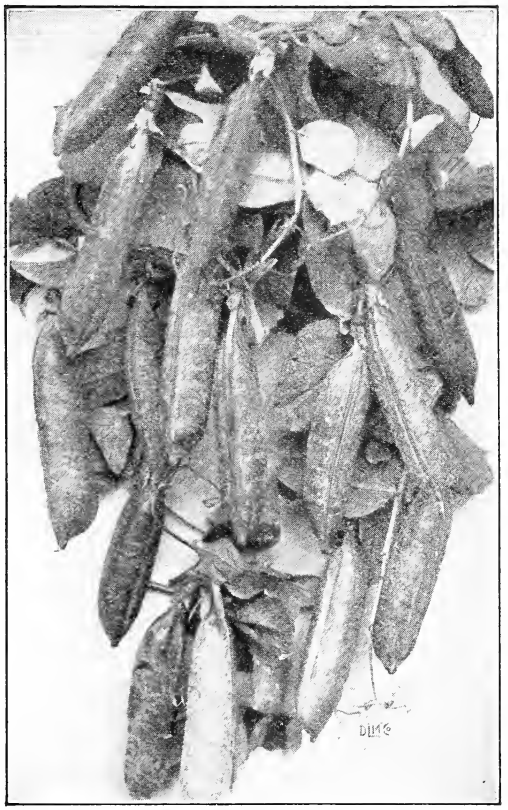
Gradus (Prosperity). Large, handsome pods, well filled, ripening with the earliest; pods long, straight, slightly rounded at the point. 3 feet. Pt. 40c., qt. 70c., 4 qts. $2.60.

Gregory's Surprise. An early, sweet, tender, wrinkled Pea of delicate flavor. Pods 2½ inches long, round, straight and well filled. 2 feet. Pt. 40c., qt. 70c., 4 qts. $2.50.

Grey's Perfection. One of the earliest Peas in cultivation; the pods, which are numerous, contain six or seven good-sized peas. Very productive and of fine flavor. 2½ feet. Pt. 40c., qt. 70c., 4 qts. $2.50.

Laxtonian, Re-Selected. This fine new Pea has been carefully selected, and the stock now offered is saved from deep green, giant pods only. Pods are slightly curved and deep green; peas are of excellent flavor. Pt. 50c., qt. 85c.

Little Marvel. This one of the best among the dwarf Peas, being a heavy cropper and producing peas of best quality. Pods green, blunt-ended and well filled. Pt. 45c., qt. 80c., 4 qts. $3.00.



Peas, Little Marvel

Nott's Excelsior. An improvement on American Wonder, being more vigorous and prolific, with larger pods and more peas. Height 15 inches. Pt. 40c., qt. 75c., 4 qts. $2.75.

Sutton's Pioneer. A first early Pea which has won great popularity for its many excellent qualities. Height about 2 feet. Pt. 50c., qt. 90c.

Sutton's Excelsior. An extra early, dwarf, wrinkled Pea, fully as early as the American Wonder, with much broader pods, filled with large peas of the finest flavor. 1½ feet. Pt. 45c., qt. 75c., 4 qts. $2.75.

Thomas Laxton. One of the best early wrinkled Peas yet introduced; very productive, with large, well-filled pods. 3 feet. Pt. 40c., qt. 70c., 4 qts. $2.60.

Second Early and Late Varieties

Alderman. A large-podded, wrinkled Pea of robust habit. Pods 4 to 5 inches long, well filled with peas of excellent flavor. 3½ feet. Pt. 40c., qt. 75c., 4 qts. $2.75.

Canada Field. See page 28.

Champion of England. A standard variety; very sweet and delicious. One of the best and most popular. 5 feet. Pt. 45c., qt. 80c., 4 qts. $3.00.

Duke of Albany (American Champion). Immense pod on style of Telephone. 3 feet. Pt. 40c., qt. 70c., 4 qts. $2.60.

Dwarf Champion. A dwarf form of popular Champion of England, with large pods, very productive, finest quality. 2 feet. Pt. 45c., qt. 80c., 4 qts. $3.00.

PEAS—Continued.

Dwarf Telephone, or **Daisy.** Season medium. Pods long, remarkably well filled, color pale green; peas large, tender and of delicious flavor. 1½ feet. Pt. 45c., qt. 80c.

Everbearing, Bliss'. A continuous bearing variety, which gives it especial value for late Summer and Autumn use. Pods 3 to 4 inches long, producing six to eight large, wrinkled peas; quality unsurpassed. 2 feet. Pt. 40c., qt. 75c., 4 qts. $2.75.

French Canner (Petit Pois). Very prolific, with long, slim, curved pods containing seven to nine peas. 3 to 3½ feet. Pt. 40c., qt. 75c., 4 qts. $2.75.

Horsford's Market Garden. On the style of Advancer; very productive and even cropper; pods large and numerous; delicious flavor. 2 feet. Pt. 40c., qt. 75c., 4 qts. $2.50.

Heroine. A medium early green wrinkled Pea; large, recurved, showy pods; an immense cropper; finest quality. 2½ feet. Pt. 40c., qt. 75c., 4 qts. $2.75.

Juno. A productive wrinkled variety, with long pods, and peas of good quality. 1½ feet. Pt. 40c., qt. 75c., 4 qts. $2.75.

Mammoth Melting Sugar. Best of all the edible-podded Peas. Pods straight, smooth, brittle and delicious. 3 feet. Pt. 50c., qt. $1.00.

McLean's Advancer. A very early and prolific dwarf wrinkled Pea of finest quality. 2½ feet. Pt. 35c., qt. 60c., 4 qts. $2.25.

Senator. Second early, with long, pale, curved pods; a heavy cropper. 2½ feet. Pt. 50c., qt. 90c., 4 qts. $3.50.

Sutton's Peerless. A splendid exhibition variety of sturdy growth. Large, dark green pods. Height 3 feet. Pt. 50c., qt. 90c., 4 qts. $3.50.

Prince Edward. Very prolific and of robust habit. Pods very large and filled with peas of excellent quality. Pt. 50c., qt. 90c., 4 qts. $3.50.

Quite Content, Carter. The largest and finest podded Pea in cultivation. Received First Class Certificate from the Royal Horticultural Society of London. A main crop variety; grows 5 feet high; foliage and pod deep green; pods 6 to 7 inches long, hanging mostly in pairs; ten to twelve peas in a pod. Flavor superb. Pt. 60c., qt. $1.00.

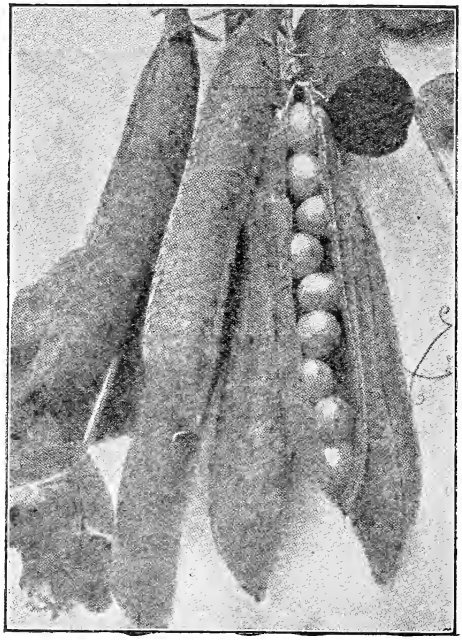
Neapolitan Pepper

Stratagem. A dwarf, wrinkled, blue marrow; a heavy cropper; and produces large, remarkably well-filled pods of excellent flavor. One of the best. 2 feet. Pt. 40c., qt. 75c., 4 qts. $2.75.

Telephone. Immensely productive, of the finest quality and excellent sugary flavor; the pods are of large size and closely packed with large, delicious peas. 4 feet. Pt. 50c., qt. 90c., 4 qts. $3.50.

The Gladstone. One of the best late Peas; immense cropper; long curveed, deep green, well-filled pods. 3½ feet. Pt. 50c., qt. 90c., 4 qts. $3.50.

Yorkshire Hero. A large dwarf, wrinkled variety, of delicious flavor and great productiveness. 2½ feet. Pt. 40c., qt. 75c., 4 qts. $2.75.



Peas, Sutton's Excelsior—*See page 17*

PEPPER

One ounce will produce about 1500 *plants.*

Sow in March or April in a hotbed, and transplant into open ground late in May or early in June, when the weather has become well settled, as the plants are quite tender. Set in rows about 2 feet apart, and 15 inches apart in the row. A warm, sandy loam is best suited to their growth.

Cherry Red. A small, round variety; intensely piquant; a rich, glossy red when ripe. Pkt. 10c., oz. 75c., ¼ lb. $2.75.

Chili. Very small, red and pungent. Excellent for pepper sauce. Pkt. 10c., oz. 65c., ¼ lb. $2.50.

Chinese Giant. Very large, flesh mild and thick. Pkt. 10c., oz. $1.00, ¼ lb. $3.75.

Golden Dawn. A large yellow variety, resembling the Bell in shape. Mild and sweet. Pkt. 10c., oz. 75c., ¼ lb. $2.50.

Large Bell, or **Bull Nose.** Good for Mangoes; early, sweet, and less pungent than many; one of the best. Pkt. 10c., oz. 50c., ¼ lb. $1.75.

Long Red Cayenne. A long, slim pod, rather pointed, and when ripe of a bright red color; extremely strong and pungent. Pkt. 10c., oz. 75c.

Neapolitan Large Early. The earliest of the large, sweet Peppers. Thick meated and productive. Pkt. 10c., oz. 75c., ¼ lb. $2.50.

Ruby King. Long, about 5 inches; very thick; fine, mild flavor. Pkt. 10c., oz. 75c., ¼ lb. $2.50.

Squash. Flesh thick, mild and pleasant to the taste, though more piquant than some. Pkt. 10c., oz. 85c., ¼ lb. $3.00.

Sweet Mountain. Grows to large size; shape somewhat like the Bell, but much larger; much used for pickling. Pkt. 10c., oz. 85c., ¼ lb. $2.75.

Sweet Upright. Flesh bright scarlet, thick and sweet; of upright growth. Pkt. 15c., oz. 85c.

POTATOES

Eight to ten bushels will plant one acre.

Owing to unsettled Market Conditions prices will be given on application.

A good, sandy loam produces the best Potatoes, but they can be grown on all kinds of soil. New or pasture land, with the turf freshly turned, produces the finest crop. Make furrows of good depth, 3 feet apart. Scatter a liberal dressing of phosphate or decayed stable manure along the drill, and set the seed about 10 inches apart in the rows. Cover with about 2 inches of soil, and begin to cultivate when the plants are well up. At each successive hoeing, bring additional soil about the plants. A change of seed is advisable.

Albino. Early white; a new, early variety and a good cropper. The skin and flesh are extremely white, maturing about the same time as Early Rose.

Beauty of Hebron. A very productive variety of fine quality; good either as an early or general crop Potato.

Bovee. Early and productive. Fine quality; flesh white and dry.

Delaware. Tubers large, smooth and of best quality; white and yields well.

Early Rose. The well-known variety; early and prolific.

Gold Coin. Tubers oblong, skin white; quality excellent, and a large yielder.

Green Mountain. We can recommend this variety as one of the best for all purposes.

Irish Cobbler. Cream white color and of excellent quality. A vigorous grower, early, ripens uniformly, and keeps well.

New Queen. Flesh white and quality good; early and productive. In shape and color it resembles the Beauty of Hebron.

Uncle Gideon's Quick Lunch Potato. The tubers are nearly globular in form; they run the most uniform in size, color, and quality of any extra early potato.

Spaulding Rose. A valuable early Potato of exceptional quality. Cooks white and mealy; does well in light soils.

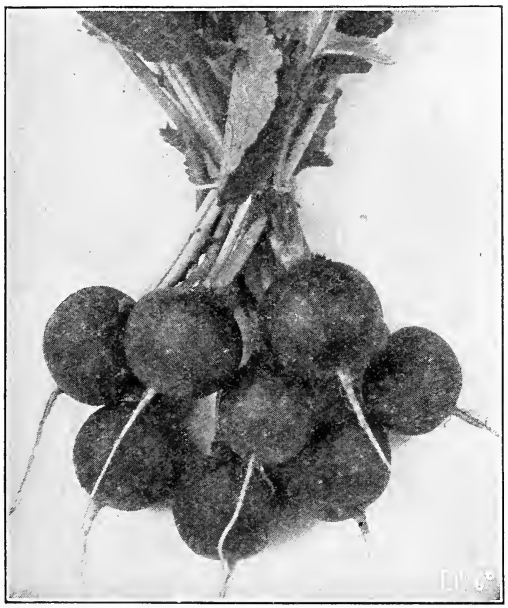
PUMPKIN

One ounce will plant 20 hills. One pound 250 hills.

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way; or in fields of Corn, about every fourth hill. The Pumpkin is not so particular in regard to soil as the Melon or Cucumber, but in other respects is cultivated in a similar manner. If planted in hills by themselves, thin out the plants when beginning to run, to three in each hill.

Connecticut Field. A large yellow variety, productive, and grown for feeding stock. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Mammoth. A productive variety, which grows to an immense size, often weighing more than a hundred pounds. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.



Early Scarlet Globe

Nantucket, or **Negro.** An exceedingly prolific variety of dark green color. It has a hard shell, and is one of the sweetest Pumpkins in cultivation. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Sugar. A small fine-grained, sweet Pumpkin; very prolific, and a fine table variety. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.50.

Winter Luxury. Flesh thick, sweet and excellent for pies. Pkt. 10c., oz. 25c., ¼ lb. 75c.

RADISH

One ounce will sow 100 feet of drill.

For very early use seeds can be sown in frames in February, making successive sowings every two or three weeks. Sow also in the open ground the last of April in light, rich, sandy soil, selecting a warm or sheltered location. Later sowings can be made at intervals during the Summer in a moist location where they can grow quickly. Sow broadcast or in drills. Seeds of Winter Radishes should be sown during Midsummer, and the Radishes can be kept during Winter if covered with sand and placed in a cool cellar.

Chartier Long Scarlet. Large size; clear rose color, with white tips; grows fast; crisp and tender. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Early Crimson Giant. Grows to a large size without becoming pithy. Excellent for forcing. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Earliest Forcing Deep Scarlet Turnip. Short leaved; very early; brilliant red; particularly fine for use in frames. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Early Scarlet Globe. Of distinct shape, brilliant color, crisp and white; excellent for forcing. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $1.75.

Early Scarlet Turnip. Small, round Radish; very tender, mild and of quick growth. Pkt. 5c., oz. 20c., ¼ lb. 75c.

RADISH—Continued

Early, Scarlet Turnip, White Tipped. A very early variety; color deep scarlet, with white tip. Good forcer. Pkt. 10c., oz. 25c., ¼ lb. 75c.
Early Long Scarlet Short Top. Very long and crisp; valuable for forcing or open ground. Pkt. 10c., oz. 25c., ¼ lb. 75c.
French Breakfast. Scarlet, with white tip; shape nearly oval; good for forcing or Summer sowing. Pkt. 10c., oz. 20c., ¼ lb. 75c.
Icicle. Quick growing; clear white. Fine for forcing. Pkt. 10c., oz. 30c., ¼ lb. 80c.
Long Black Spanish. One of the hardiest and best for Winter use. Pkt. 10c., oz. 20c., ¼ lb. 60c.
Long Brightest Scarlet. Entirely distinct, being a vivid scarlet color, tipped with snow white. Pkt. 10c., oz. 25c., ¼ lb. 75c.
Olive-Shaped Scarlet. A very handsome, quick growing variety; excellent quality. Pkt. 10c., oz. 25c., ¼ lb. 75c.
Round Black Spanish. Skin black; roots globe-shaped; white fleshed and piquant flavor. Pkt. 10c., oz. 20c., ¼ lb. 60c.
Rose China Winter. Bright rose color, flesh firm and fine for Winter use. Pkt. 10c., oz. 25c., ¼ lb. 75c.
Sakurajima. Largest sort in cultivation. Sow early in rich soil. Pkt. 10c., oz. 30c., ¼ lb. 80c.
White Box. Good for forcing; pure white and crisp. Pkt. 5c., oz. 10c., ¼ lb. 30c.
White Turnip. Very early; flesh and skin white; of mild flavor; excellent for Summer use. Pkt. 5c., oz. 20c., ¼ lb. 60c.
White Strasburg. Roots oblong, of a pure white color and mild flavor. Pkt. 10c., oz. 25c., ¼ lb. 75c.
White Stuttgart. A quick growing variety of large size and of good quality. Pkt. 10c., oz. 30c.

RHUBARB

One ounce will produce about 750 plants.

Rhubard succeeds best in deep, rich loam; the richer its condition, and the deeper it is stirred, the better, as it is scarcely possible to cultivate too deeply or to manure too highly. It is propagated by seeds, or by division of the roots—the latter being the usual method. Sow the seed in drills 18 inches apart, and thin out the plants to 9 inches apart in the drills. When the plants are one year old transplant into beds, setting the plants 5 feet apart each way. Do not cut until the second year and give a liberal dressing of manure every Fall.

Linnæus. The earliest and best for garden use; not as coarse and fibrous as the larger sorts. Pkt. 10c., oz. 50c., ¼ lb. $1.00.
Victoria. The variety in general use for the market; yields immense crops. Pkt. 10c., oz. 60c., ¼ lb. $1.25.
Roots. Either variety; each 15c., doz. $1.50.

SALSIFY, or VEGETABLE OYSTER

One ounce will sow 50 feet of drill.

A very delicate and nutritious vegetable, especially esteemed for its peculiar oyster flavor. Sow the seed early in Spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready for use in October, when a supply should be taken up and stored like Carrots. Those remaining will suffer no injury by being left in the ground till Spring.

Long White French. Pkt. 10c., oz. 35c., ¼ lb. $1.25.
Mammoth Sandwich Island. Tender and delicious; very superior. Pkt. 10c., oz. 30c., ¼ lb. $1.00.
Spanish Salsify (Scolymus Hispanicus). Golden Thistle or Spanish Oyster Plant, large size and very productive; mild flavor. Pkt. 20c., oz. 60c.

SPINACH

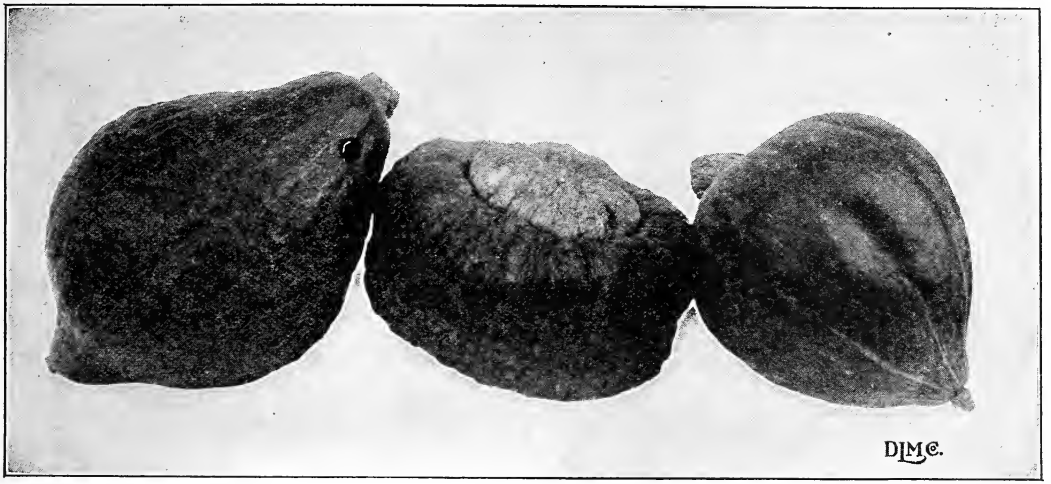
One ounce will sow 50 feet of drill. Twenty pounds will sow an acre.

Spinach may be grown on any ordinary soil. It is grown both as a Spring and Summer crop. For early use sow in August or September, in drills 12 to 14 inches apart. At the approach of cold weather cover lightly with straw, or any handy litter. Uncover when the plants begin to make a new growth in Spring. For Summer use sow early in Spring, in same way as above, using rather less seed. If the plants stand too thick, thin to 3 or 4 inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich.

Packets 5c. except where noted.

Long Standing. Dark green; the longest standing before running to seed. Oz. 10c., ¼ lb. 30c., lb. $1.00.
New Zealand (Tetragonia expansa). A plant of a different genus, but of similar character and use as Spinach. Makes a low spreading plant from which delicious, tender greens can be gathered the entire Summer. May be started in a hotbed and transplanted or sown out of doors when the ground is warm, allowing 2 feet between the plants. Pkt. 10c., oz. 25c., ¼ lb. 85c., lb. $2.50.
Round Thick-leaved. Leaves large, thick and fleshy the variety generally grown for market, and equally good for Spring or Fall sowing. Oz. 15c., ¼ lb. 30c., lb. $1.00.
Savoy-leaved. A valuable variety with wrinkled leaves, resembling the Savoy Cabbage; it is very hardy and prolific. Oz. 15c., ¼ lb. 35c., lb. $1.25.
Viroflay. A very early large, round-leaved variety. Oz. 15c., ¼ lb. 30c., lb. $1.00.
Victoria. Large, thick, dark green leaves; excellent for Spring sowing; heavy cropper; long standing and excellent quality. Oz. 15c., ¼ lb. 35c., lb. $1.25.

New Zealand Spinach



Hubbard Bay State Delicious

SQUASH

One ounce of the small-seeded variety will plant 40 hills; of large-seeded, 15 hills.

Squashes being very tender and sensitive to cold should not be planted until the weather becomes warm and settled. Plant in well-manured hills, in the same manner as Cucumbers and Melons, the bush varieties 3 or 4 ft. apart each way, and the running kinds from 6 to 8 ft. apart. Sow 8 to 10 seeds to a hill, thinning out, after they have attained their rough leaves, and danger from bugs is past, leaving two or three of the strongest plants in each hill.

Bay State. Blue, shell hard; flesh fine and dry, of sweet flavor; bright golden yellow color. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Boston Marrow. A Fall and Winter variety of oval form, skin thin; when ripe, bright orange; an excellent keeper and of superior quality. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Delicata. Very early, solid, prolific and a good keeper. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. $2.00.

Delicious. One of the best varieties for table use. It is a Fall and Winter Squash, excellent at all seasons. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Early Mammoth White Scalloped. One of the earliest Summer Squashes; flat scallop-shaped; light cream color. Pkt. 10c., oz. 20c., ¼ lb. 75c.

Early Prolific, or **Orange Marrow.** The earliest and most productive Fall and Winter Squash; color bright orange, flesh dry and sweet. Pkt. 5c., oz. 20c., ¼ lb. 60c.

Early Giant Summer Crookneck. Very early variety; long shape and of a bright yellow color. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Essex Hybrid Turban. Productive, with very hard shell; a solid, heavy, thick-fleshed sort of excellent flavor, and keeps admirably. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Golden Bronze. Dark grayish green; flesh bright golden yellow; fine-grained and sweet. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Hubbard. Standard Winter Squash; grown more extensively than any other late variety; color, dark green, shell extremely hard; flesh dry, fine-grained and sweet; excellent keeper. Pkt. 10c, oz. 25c., ¼ lb. 75c., lb. $2.50.

Hubbard, Mammoth Warted. A superior strain of mammoth size and entirely covered with warty excrescences. Rich, dark green color and of very best quality. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Hubbard, Golden. Earlier than Hubbard; color a rich orange red; shell hard and warty. Pkt. 10c., oz. 25c., ¼ lb., 75c., lb. $2.50.

Hubbard, Symmes Blue. A superior strain, thick meated, fine grained, dry and very sweet. A heavy cropper and good keeper. Pkt. 10c., oz. 30c., ¼ lb. $1.00.

Mammoth Yellow. Grows to an immense size if given good cultivation. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Marblehead. Resembles Hubbard, but is earlier; has a gray, hard shell; good Winter sort. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

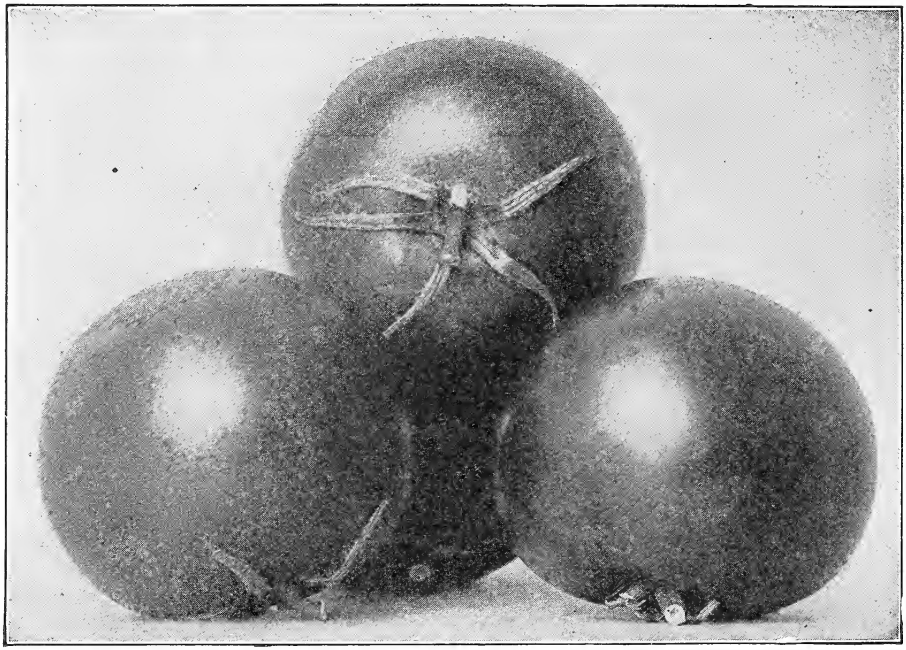
Vegetable Marrow, English. Grows about 9 inches long. Pale straw colored, changing to a deeper shade. Flesh white. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Vegetable Marrow, Italian (Cocozelle di Napoli). Skin smooth, mottled, dark and light green. Grows from 12 to 20 inches long. Flesh delicate green; quality fine. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Victor. Orange color, with thick warted shell. Flesh thick and quality good. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Warren. Very solid and heavy Turban Squash with rich, deep color; very deep flesh, excellent. Pkt. 10c., oz. 25c., ¼ lb. $1.00, lb. $3.00.

Winter Crookneck. Excellent for Winter, flesh close-grained, sweet, and of fine flavor. Pkt. 10c., oz. .25c., ¼ lb. 75c.



Tomato, Lister's Prolific—*See page 23*

TOMATO

One ounce will produce 1500 *plants.*

Seed should be sown in a hotbed about the first week in March, in drills 5 inches apart. When the plants are about 2 inches high they should be set out 4 or 5 inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set out in the open ground; they are planted for early crops on light, sandy soil, at a distance of 3 feet apart, in hills in which a good shovelful of rotted manure should be mixed. On heavy soil, which is not suited for an early crop, they should be planted 4 feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established.

Acme. Rich, glossy crimson, tinged with purple; perfectly smooth; one of the earliest. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Atlantic Prize. Very early; bright red; solid, smooth and productive, and of excellent quality. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Beauty, Livingston's. Rich, glossy crimson; large size, very smooth and solid. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Belmont, Improved. An excellent scarlet variety. Early medium size; solid and smooth. Pkt. 10c., oz. 60c., ¼ lb. $2.00.

Best of all, Sutton's. A good forcing or outdoor variety; deep scarlet; solid. Pkt. 10c., oz. 60c., ¼ lb. $2.00.

Bonny Best. Early, productive. Smooth, solid and uniform in size; scarlet. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Bountiful Re-Selected. A Tomato of superior flavor, perfect in shape; of good size and free cropper. The fruit is bright red in color and very solid, excellent for forcing or outdoor culture. Pkt. 20c., oz. $1.50.

Chalk's Early Jewel. Large, solid, smooth, bright red variety. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Cherry Red. Small, round fruit, resembling Cherries; for preserving. Pkt. 10c., oz. 50c.

Comet. One of the best for forcing; brilliant scarlet color; medium size, smooth and solid. Pkt. 25c., oz. $2.00.

Crimson Cushion. An early, large, brilliant scarlet-crimson variety; smooth and solid. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Crockford's Alaska, or **"New Trellis."** Without doubt the finest forcing Tomato on the market, also the best for outdoor if grown on trellises. Rich, deep color, solid flesh. Pkt. 50c.

Currant, or **Grape.** Fruit very small, bright red, in clusters. Pkt. 10c., oz. 50c.

Dwarf Champion. Of compact, upright growth. Fruit solid, smooth, purplish-red. Pkt. 5c., oz. 40c., ¼ lb. $1.25.

Dwarf Stone. Resembles Dwarf Champion; fruit larger and more prolific; fine color. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Early Ruby. One of the earliest large Tomatoes and of distinct and handsome appearance. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Earliana. The earliest red Tomato. Very smooth; fine for market. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Favorite, Livingston's. A superior Tomato. Bright red, smooth, solid and of good size. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Fig or Pear-Shaped, Red. A small preserving variety of perfect pear shape. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Frogmore Selected. A good variety for forcing; medium size, bright red and solid. Pkt. 15c., oz. 60c., ¼ lb. $2.00.

Golden Queen. The best yellow variety, medium size, smooth and solid. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Globe, Livingston's. Very early; large, smooth variety. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

TOMATO—Continued

June Pink. Fruit of medium size, uniform, smooth and without core. Bright, pleasing pink. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

John Baer. An early bright scarlet new tomato. Large and fleshy. Pkt. 15c., oz. 50c., ¼ lb. $1.50.

Lister's Prolific. This variety combines all the essential qualities of productiveness, size, flavor and color; whether planted out or grown in a greenhouse it has proved a remarkably valuable variety. Pkt. 35c.

Matchless. Extra large, smooth and solid; bright red Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Peach. For preserves, pickles, etc. Resembles a Peach in color. Pkt. 10c., oz. 40c.

Perfection, Livingston's. An early variety, of blood-red color; perfectly smooth; ripens uniformly, and bears abundantly until frost; excellent for canning. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Ponderosa. Very large, solid and of excellent flavor. Pkt. 10c., oz. 50c., ¼ lb. $1.50.

Stirling Castle. This is one of the best for indoor culture. Round, smooth, delicious flavor. Pkt. 25c., ¼ oz. 75c., oz. $2.50.

Stone, Livingston's. Large, bright scarlet, solid, smooth; later than many; very productive. Pkt. 10c., oz. 40c., ¼ lb. $1.50.

Strawberry, or **Ground Cherry** (Husk Tomato). Useful for preserves. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

Yellow Plum. Bright lemon-colored, oval, small; useful for preserves. Pkt. 10c., oz. 40c., ¼ lb. $1.25.

TOBACCO

Connecticut Seed-Leaf. Suited to the climate of the Northern and Middle States. Pkt. 10c., oz. 30c.
Havana. Imported seed. Pkt. 10c., oz. 30c.

TURNIP

One ounce will sow 150 *feet of drill. One and one-half pounds per acre.*

Turnips do best in highly enriched, light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the Spring, in drills 12 to 18 inches apart. Seed can also be sown broadcast, using one pound to the acre. For a continuous supply through the season, sowings should be made every two weeks until the last of July, from which time until the middle of August the principal sowings are made for Fall and Winter use. Swedish or Ruta-Baga Turnips are largely grown for a farm crop, as well as for the table; make sowings from the 10th of June until the last of July, in drills 2 to 3 feet apart, and the plants when well up should be thinned to from 8 to 10 inches apart. They are best preserved in a pit or cellar during the Winter, and are excellent for the table early in Spring.

Extra Early Milan, White. A beautiful early variety, with small tops, tender and sweet. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Golden Ball. Bulb of fine form and bright yellow color; a fine keeper; unsurpassed for table use. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Long White, or **Cowhorn.** A quick-growing, long-shaped variety; flesh fine-grained and sweet; an excellent sort for table use. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.75.

Milan Early, Purple Top. The earliest of the white flesh varieties. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Purple Top Strap-Leaf. A well-known variety, extensively grown both for table and for stock. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.25.

Purple Top White Globe. A handsome, globe-shaped variety, valuable for market purposes. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.50.

White Egg. Oval-shaped variety for Spring or Fall sowing; flesh white, firm, fine-grained, mild and sweet. Pkt. 5c., oz. 20c., ¼ lb. 40c., lb. $1.00.

Yellow Aberdeen. Hardy, productive and a good keeper; yellow, flesh firm, good for table use or feeding stock. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Yellow Stone. An excellent variety for early or late sowing; a good cropper and fine keeper, valuable for table use. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.50.

Ruta-Baga, or Swedish Turnip

Budlong Swede. A choice strain of the white Ruta-Baga, earlier than others, and more nearly round in form. Sweet, of excellent flavor and keeps well. Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. $1.00.

Carter's Imperial. An excellent sort, for either table use or feeding stock. Flesh yellow, solid, firm, sweet and rich. Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. $1.00.

Improved American, Purple Top. A yellow-fleshed, purple top variety grown for stock or table. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. $1.25.

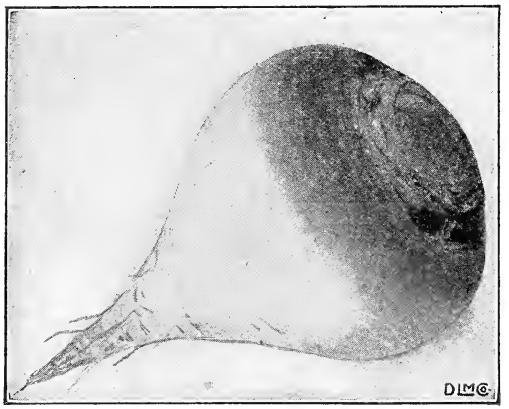
Monarch. A deep yellow-fleshed, purple top variety, smooth, oval form slightly tapering at ends; small neck and fine for table use. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.00.

St. Andrew's. A favorite in Boston market; flesh yellow; fine table sort. Pkt. 10c., oz. 25c., ¼ lb. 50c., lb. $1.25.

Shamrock. An excellent variety; grows with small top and very few leaves; a good keeper; desirable either for stock or table use. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. $1.25.

White Cape Cod. A superior variety for table or stock; flesh firm, sweet and juicy. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. $2.00.

White French. Oval in form, clear white flesh; one of the best Winter Turnips. Pkt. 10c., oz. 20c., ¼ lb. 40c., lb. $1.00.



Improved American Ruta-Baga

Pot, Sweet and Medicinal Herbs

Plant in the Spring, when the ground is warm, in drills, covering lightly. When the plants are well up, thin out or transplant to about 4 inches apart. They should be harvested on a dry day just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

Anise (Pimpinella Anisum). Annual. Used for flavoring and garnishing. Pkt. 10c., oz. 25c., ¼ lb. 60c.

Arnica (Arnica Montana). Perennial. Used in medicine as a narcotic and stimulant. Pkt. 10c., oz. $2.00.

Balm (Melissa Officinalis). Perennial. Leaves have a fragrant odor and are used medicinally. Pkt. 10c., oz. 30c.

Basil, Sweet (Ocymum Basilicum). Annual. Used for flavoring soups, stews, etc. Pkt. 10c., oz. 25c., ¼ lb. 60c.

Borage (Borago Officinalis). Annual. Leaves are used for flavoring, and bees are attracted by the flowers. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Caraway (Carum Carui). Perennial. Used for flavoring confectionery, bread, etc. Pkt. 10c., oz. 20c., ¼ lb. 60c.

Catnip (Nepeta Cataria). Perennial. Sometimes used in medicine. Pkt. 10c., oz. 50c.

Coriander (Coriandrum Sativum). Annual. Used in the manufacture of confectionery and liquors. Pkt. 10c., oz. 30c.

Dill (Anethum Graveolens). Biennial. The seeds are aromatic and pungent. Used in pickling Cucumbers. Pkt. 10c., oz. 25c.

Fennel, Sweet (Anethum Fœniculum). Perennial. Leaves when boiled are used in sauces. Pkt. 10c., oz. 25c.

Fennel, Florence (Anethum Fœniculum). The roots are boiled, also used as salad. Pkt. 15c., oz. 50c.

Horehound (Marrubium Vulgare). Perennial. Used medicinally, also for seasoning. Pkt. 10c., oz. 30c.

Hyssop (Hyssopus Officinalis). Perennial. Used medicinally. The leaves have a pungent taste. Pkt. 10c., oz. 30c.

Lavender (Lavandula Vera). Perennial. Yields an oil used in medicine and perfumery. Pkt. 10c., oz. 40c.

Lovage (Levisticum Officinale). Perennial. An aromatic stimulant used in medicine. Pkt. 15c., oz. $1.00.

Marjoram, Sweet (Origanum Majorana). Annual. Aromatic and fragrant. Much used in flavoring. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Pennyroyal (Hedeoma Pulegioides). Annual. An aromatic medicinal herb. Pkt. 15c., oz. $1.00.

Rosemary (Rosmarinus Officinalis). Perennial. Leaves fragrant, with warm pungent, bitterish taste. Pkt. 10c., oz. 40c.

Rue (Ruta Graveolens). Perennial. Has a strong, heavy odor and bitter taste. Used medicinally. Pkt. 10c., oz. 30c.

Saffron (Carthamus Tinctorius). Annual. Flowers are used as a dye stuff and in making rouge. Pkt. 10c.

Sage (Salvia Officinalis). Perennial. More used than any other herb for dressings, and seasoning. Pkt. 10c., oz. 25c.

Sorrel (Rumex Crispus). Perennial. Used for salads or cooked and served as Spinach. Pkt. 10c., oz. 25c., ¼ lb. 60c.

Summer Savory (Satureja Hortensis). Annual. Used for flavoring soups and dressings. Pkt. 10c., oz. 25c., ¼ lb. 60c.

Thyme (Thymus Vulgaris). Perennial. Used for seasoning. Also used medicinally. Pkt. 10c., oz. 40c., ¼ lb. $1.00.

Wormwood (Artemisia Absinthium). Perennial. Used medicinally and is beneficial for poultry. Pkt. 10c., oz. 30c., ¼ lb. 75c.

Vegetable Roots and Plants

We do not send Vegetable Plants by mail except where noted.

	100
ASPARAGUS.	
Conover's Colossal. Strong, two-year-old roots	$2.00
Palmetto. Strong, two-year-old roots	2.00
Giant Argenteuil. Strong, two-year-old roots	2.50
"Reading Giant." Strong two-year-old roots	2.50

ARTICHOKE, Jerusalem. Qt. 35c., by mail 10c. additional; pk. $2.00.

ARTICHOKE PLANTS, Green Globe. May delivery Doz. $2.00.

	Doz.	100
BRUSSELS SPROUTS PLANTS	$0.30	$1.50
CABBAGE PLANTS.		
Early Jersey Wakefield	.30	1.50
Fottler's Brunswick	.30	1.50
Globe Curled Savoy	.30	1.50
Henderson's Summer	.30	1.50
Stone Mason	.30	1.50
CAULIFLOWER PLANTS.		
Earliest Erfurt	.30	2.00
Early Snowball	.30	2.00
CELERY PLANTS, by mail add 10c. per 100.		
Boston Market	.25	1.25
Golden Self-Blanching	.25	1.25
Giant Pascal	.25	1.25

CHIVES. Per bunch 20c. each, by mail **10c.** additional;

	Doz.	100
EGG PLANTS.		
Black Pekin	$1.00	$7.00
New York Improved	1.00	7.00
HORSE RADISH. Sets or cuttings	.10	.50
LETTUCE PLANTS	.20	1.00
MINT.		
PEPPER PLANTS	.25	2.00

	Each	Doz.
RHUBARB ROOTS.		
Linnæus. Large and early	$0.15	$1.50
Victoria. Largest variety	.15	1.50
Clumps. Of either variety	.50	
TARRAGON PLANTS (Estragon). Strong plants. Each 25c., by mail 5c. additional		2.75

	Doz.	100
TOMATO PLANTS (Pot-grown).		
Belmont	$1.00	$7.00
Bonny Best	1.00	7.00
Dwarf Champion	1.00	7.00
Perfection, Livingston's	1.00	7.00
Stone, Livingston's	1.00	7.00

Field of Winter Rye, grown by Edward Parker, Supt. Oliver Ames Estate, North Easton, Mass.

Gentlemen—Enclosed you will find photo of a field of Winter Rye grown from seed procured from you, the heaviest crop ever cut.
Sincerely yours, EDWARD PARKER.

CEREALS and MISCELLANEOUS SEEDS

Great care is used in the selection of our seed corn, grain, etc. The prices are those ruling at the time of issuing this list and may change with the market. If ordered by mail add postage at parcel post rates.

FIELD CORN

Brewer's Yellow Dent Corn. It is claimed to be the earliest high-yielding variety of Yellow Dent Corn in existence. Grows from 9 to 10 feet high, ears average about 10 inches long, 7½ inches in circumference, and bear about 22 rows of kernels, with about 50 kernels in a row. Pk. $1.25, bu. $4.00.

Early Sanford. Ears white, makes a fine quality of meal; good for fodder and ensilage. Pk. $1.00, bu. $3.00.

Evergreen Sweet Fodder. For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment. Pk. $1.25, bu. $4.50.

Early Canada. One of the earliest yellow varieties; ear small; in ordinary seasons the crop will be fully ripened in August. Pk. $1.00, bu. $3.00.

Leaming. Yellow Dent variety, with large, deep grain of dark orange color; excellent for ensilage. Pk. $1.00, bu. $3.00.

Longfellow. The standard variety in this section; long ear, small cob, bright yellow color, and medium early. Pk. $1.00, bu. $3 50.

Pride of the North. The earliest Yellow Dent Corn in cultivation; a safe sort for high latitudes. Pk. $1.00, bu. $3.00.

Stickney. Similar to Longfellow in shape and color, but earlier and more prolific. Pk. $1.25, bu. $4.00.

Eureka. Grows from 10 to 15 feet high, and produces a rich, heavy growth. Pk. 75c., bu. $3.00.

SWEEPSTAKES PEDIGREE. This variety of Corn is the result of hybridizing three of the best Flint and Dent varieties; will mature quicker than any other variety, the foliage extends to the ground and the stalks are sturdy and tall; a heavy cropper. Pk. $1.50, bu. $5.00.

SEED GRAIN

Prices subject to change with the market.

Great care is used in the selection of our seed grain. We endeavor to have each kind true to name and free from mixture and foul seeds. Samples and special quotation for large quantities sent on request.

BARLEY. Sow 1½ to 2 bus. per acre. (48 lbs. per bu.)
Beardless. Bu. $2.75.
Montana. Choice seed. Bu. $2.75.

BUCKWHEAT. Sow 1 bu. per acre. (48 lbs. per bu.)
Japanese. Very prolific. Bu. $2.75.
Silver Hull. Makes fine white flour. Bu. $3.00.

OATS. Sow 2 to 3 bus. per acre. (32 lbs. per bu.)
Canadian Cluster. Heavy, with stiff straw; yields well. Bu. $1.50.
Montana. A choice white variety. Bu. $2.00.
Welcome. A very productive white variety, with extra strong, straight straw. Bu. $1.50.

RYE. Sow 1½ bus per acre. (56 lbs. per bu.)
Spring. For Spring sowing. Bu. $3.00.
Winter. For Fall sowing. Bu. $3.00.

WHEAT. Sow 1½ bus. per acre. (60 lbs. per bu.)
Spring. Marquis. Bu. $3.50.
Winter. Klondyke Bald. White grain, bu. $4.50.

MILLETS

Prices subject to change with the market.

Valuable for green fodder or hay, maturing in fifty to seventy-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock; should be sown in June and July. They must be cut while in blossom to make a good hay.

German, or **Golden.** A valuable annual hay and fodder crop, more productive and coarser than the Hungarian; medium early, 4 to 5 feet high. Sow 1 bu. to the acre. Bu. $5.00.

Japanese (Panicum Crus-galli). Grows taller and stools out more freely than the common Millet; very productive. If sown early and cut, usually produces a good second crop. It has produced in Massachusetts six tons dry hay per acre; highly recommended. Sow 20 lbs. per acre. Lb. 15c., 100 lbs. $12.00.

Hungarian Millet (Panicum germanicum). An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage, often yielding 2 to 3 tons per acre. Sow 1 bu. to the acre. Bu. $5.00.

Part of Lawn at Mrs. T. J. Emery's Estate "Mariemont," Newport, R. I., Andrew L. Dorward, Supt.

LAWNS

The following simple directions may be found useful to those who are not familiar with lawn making:

The soil should be of good depth, moderately rich, and in many cases the land should be carefully drained. Grading should be done and the soil thoroughly pulverized by careful harrowing and raking. Some good fertilizer—pure ground bone, wood ashes or a specially prepared lawn fertilizer—should be used. After spreading the fertilizer, the surface should be carefully raked and rolled. The rolling often develops uneven spots which should be leveled before the seed is sown. After sowing, the ground should again be lightly raked and rolled.

The selection of seed is important. Use only such mixtures as are free from weed seeds, and such as will produce a firm, strong turf and a fine growth. A liberal quantity is necessary to secure good results (not less than 64 pounds per acre). The best time to make a lawn is from the middle of August through September. If seed is sown at this season, the grass will become strong enough to withstand the Winter, and a good lawn is assured the following season. If seed cannot be sown at this time, it should be sown as early as possible in the Spring.

Boston Lawn Grass Seed. This mixture is composed of such varieties as long experience has shown to be adapted to produce a permanent heavy turf. Weight 16 lbs. per bu. Per lb. 35c., 16 lbs. (1 bu.) $5.00.

Grey's Special Recleaned Lawn Grass Seed. Recleaned seeds only are used in this mixture, and it is as free from weed seeds and chaff as the latest improved seed-cleaning machinery can make it, and it is composed of such varieties as make a close and lasting turf. In recommending this grade to our customers we are sure we are recommending a mixture which cannot be excelled for general lawn purposes. Weight 32 lbs. per bu. Sow 64 lbs. per acre. Per lb. 50c., 100 lbs. $45.00.

Mixture for Shaded Lawns. Fine grasses selected especially for locations partially shaded by buildings or trees Weighs 24 lbs. per bu. Lb. 50c., 100 lbs. $45.00.

SPECIAL MIXTURES FOR TENNIS COURTS, GOLF LINKS, ETC.

The following mixtures used on many prominent golf courses, etc., in this vicinity, have given entire satisfaction.

Fair Green Mixture. For general use on golf links. Per lb. 85c., 100 lbs. $75.00.

Putting Green Mixture. A combination of grasses best suited to produce a close, firm, and lasting turf, which will endure frequent cutting. Per lb. 85c., 100 lbs. $75.00.

Tennis Court Mixture. A mixture of fine grasses especially adapted to tennis courts, which will bear trampling without injury. Lb. 85c., 100 lbs. $75.00.

Ball Grounds Mixture. This mixture is used by both the leagues in Boston with the most satisfactory results. Lb. 50c., 100 lbs $45.00.

Bowling Green Mixture. Mixture of fine, hardy grasses, especially adapted for bowling greens. Lb. 85c., 100 lbs. $75.00.

CHOICE GRASS SEEDS

Many growers of grass seeds offer several grades of each variety, varying greatly in price. We do not recommend nor do we sell the inferior grades. Those which we offer are strictly **High Grade,** and the prices at which we offer them should not be compared with those quoted for inferior grades.

Prices may change as the season advances. If to go by mail, add Parcel Post rates to cover postage.

Awnless Brome Grass (Bromus inermis). Recommended for dry, arid soils where other grasses do not grow. In nutritive value is much inferior to many other sorts, but is very permanent and therefore useful for some locations.

Chewing's New Zealand Fescue. A splendid grass of creeping habit, forming a close and lasting turf; is a great drought resister, and thrives well on light, sandy soils. An excellent grass for golf courses. Lb. 75c., 100 lbs. $60.00.

Creeping Bent (Agrostis stolonifera). One of the most valuable lawn grasses because of its short growth and deep green, fine-leaved foliage. Its stoloniferous roots form a strong, close, enduring turf, which is not injured by being frequently walked on. Per lb. $2.50.

Crested Dogstail (Cynosurus cristatus). Good for permanent pasture for sheep; is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns; 35 lbs. to the acre. Lb. 50c., 100 lbs. $45.00.

Hard Fescue (Festuca duriuscula). Admirable pasture grass of fine quality; thrives well in dry situations; 30 lbs. to the acre. Lb. 50c., 100 lbs. $45.00.

Hungarian Grass. See page 25.

Italian Rye Grass (Lolium italicum). Thrives in any soil, yields an early and abundant crop, valuable for mixing with other pasture grasses; sow 50 lbs. per acre. Lb. 28c., 100 lbs. $22.00.

Kentucky Blue (Poa pratensis). Also called "June Grass;" an early grass of much value; will do well upon any ordinary soil; stands the heat of Summer remarkably well. For pastures and lawns it has no superior, giving that peculiar, rich shade of bluish green so much admired in the best lawns; also making a very close, velvety turf. It is usually sown mixed with other fine grasses; when used alone, 30 to 40 lbs. per acre. Blossoms in June. Fancy clean seed. Lb. 60c., 100 lbs. $55.00.

Lime Grass (Elymus arenarius). Has wide-spreading, thickly-matted roots which tend to hold drifting sands. Valuable for seashore and embankments. Cannot supply.

Meadow Fescue (Festuca pratensis). This is excellent for hay when sown with other grasses, such as Orchard grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils; sow 40 lbs. per acre. Lb. 40c., 100 lbs. $35.00.

Meadow Foxtail (Alopecurus pratensis). One of the best and earliest of pasture grasses; thrives best in moist localities; 30 lbs. to the acre. Lb. $1.00.

Millet. See page 25.

Orchard (Dactylis glomerata). One of the earliest grasses; yields immense crops and is excellent for pasture or hay; should be cut as it is coming into bloom, and will produce a heavy second crop; one of the best grasses. Sow 40 lbs. per acre. Lb. 35c., 100 lbs. $32.00.

Perennial Rye Grass (Ibolium perenne). A valuable grass for pastures or meadows also very valuable where mixed with other grasses for lawns, golf links, etc. The seed is large and heavy, and produces a good growth in five or six weeks. It is also well suited to a variety of soils, and makes excellent hay when grown with Red Clover. We offer an extra choice lot of seed. Lb. 25c., 100 lbs. $22.00.

Red Top (Agrostis vulgaris). A valuable native permanent grass, growing in almost any soil, moist or dry, but pays well for high cultivation; 10 to 12 lbs. per bus. Sow 40 lbs. per acre, if alone. Lb. 25c., 100 lbs. $22.00.

Meadow Fescue

Red Top Fancy. Clean seed. Absolutely clean and free from chaff; 36 lbs. per bus. Lb. 35c., 100 lbs. $30.00.

Red, or **Creeping Fescue** (Festuca rubra). A creeping rooted grass forming a close and lasting turf. Is especially adapted to dry and sandy soils, resists extreme drought, and is useful for gravelly banks and exposed hillsides. It is also valuable for shaded locations. Lb. 60c., 100 lbs. $55.00.

Rhode Island Bent (Agrostis canina). Resembles Red Top, but is of dwarfer habit. A fine, hardy, very compact grass; very permanent, readily forming a heavy sward; excellent for lawns. Sow 4 bus. per acre, if alone. 14 lbs. per bus. Lb. $2.60.

Rough Stalked Meadow Grass (Poa trivialis). A thickly matted, spreading rooted species, forming a firm, fine turf, especially adapted to the shaded parts of lawns. It thrives on moist, rich soils and in sheltered situations. Valuable for permanent pastures. 26 lbs. per bus. Lb. 85c.

Sheep Fescue (Festuca ovina). In grass mixtures for high or dry land this is especially valuable as it thrives on poor, light or gravelly soils. It is very hardy, resisting heat and cold, and is useful in mixtures for fair greens. 16 lbs. per bus. Lb. 50c., 100 lbs. $45.00.

Slender Fescue (Festuca tenuifolia). A variety of Sheep Fescue, but with finer leaves. It will grow on dry, poor soils and is useful in mixtures for dry banks and slopes. 22 lbs. per bus. Lb. $1.00.

CHOICE GRASS SEEDS—Continued

Sweet Vernal, True Perennial (Anthoxanthum odoratum). Useful to mix with other grasses for lawns, in which it is invaluable on account of its early growth and the fragrant odor which it imparts when drying. Lb. $1.50.

Tall Fescue (Festuca elatior). Succeeds best on moist, alluvial and strong clayey soils. Is especially valuable for permanent pastures. Stock of all kinds are fond of it, and it is rich in nutritive value. 22 lbs. per bu. Lb. 60c.

Tall Meadow Oat Grass (Avena elatior). This grass produces an abundant supply of foliage, and is valuable for pasture on account of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick growth of aftermath, which also makes it valuable as a soiling crop. 13 lbs. per bu. Lb. 55c.

Timothy, "Herd's Grass." (Phleum pratense). One of the most valuable grasses and more generally used for hay than any other. It prefers a moist, loamy soil, not doing well on light soil. It is generally sown with Red Top and Red Clover, and makes the most valuable hay. 45 lbs. per bu. Present price, lb. 18c., 100 lbs. $15.00.

Various Leaved Fescue (Festuca heterophylla). Very early, hardy perennial, thriving best in cool, moist soils. Valuable in grass mixtures for permanent meadows. It is also useful in shady locations. 15 lbs. per bu. Lb. 70c., 100 lbs. $65.00.

Wood Meadow (Poa nemoralis). A variety specially suited for the shaded portions of lawns, where other grasses do not grow. Very permanent and hardy, resisting extremes of heat and cold. The creeping roots make a strong, firm sod. 18 lbs. per bu. Lb. $1.25.

Special Mixtures for Permanent Hay

Sow 50 pounds to acre.

No. 1 for Cool, Moist Soils	50 lbs.	$20.00
No. 2 for High, Dry Soils	50 lbs.	21.00
No. 3 for Wet Soils	50 lbs.	21.00

Special Mixtures for Permanent Pastures

Sow 50 pounds to acre.

No. 4 for Cool, Moist Soils	50 lbs.	$20.00
No. 5 for High, Dry Soils	50 lbs.	21.00
No. 6 for Wet Soils	50 lbs.	21.00

MISCELLANEOUS SEEDS

Prices subject to change with the market

Beans, Soja. A valuable fodder crop, fed green or as ensilage. **Early Green,** bu. $7.00. **Yellow Southern,** bu. $5.00.

Cow Peas. These are grown extensively in warm countries. Sheep are very fond of them, but their chief value is as a green crop to plow under. 1½ bu. per acre.

New Era. One of the best varieties for northern planting, maturing early and being productive. Pk. $2.00, Bu. $7.00.

Clay. Prolific in yield of peas and vine. Pk. $2.00, bu. $7.00.

Black. Very prolific. Pk. $2.00, bu. $7.00.

Whippoorwill. Early. Pk. $2.00, bu. $7.00.

Kaffir Corn. White; excellent for fodder, and the seed is valuable for pigeons. Lb. 15c., 100 lbs. $12.00.

Peas, Canada Field. Valuable when sown with Oats as a green fodder. Also makes good ensilage. Sow 2 bu. Oats and 1 bu. Peas per acre. Bu. $5.00.

Sunflower, Mammoth Russian. Used for feeding poultry. Lb. 18c., 100 lbs. $15.00.

Rape, Dwarf Essex. True English Grown. Excellent for sheep pastures, also for soiling. If sown in May, pasturing can be had in August. Sow 10 lbs. per acre broadcast. Lb. 25c., 100 lbs. $22.00.

Vetches, or **Tares, Spring** (Vicia sativa). Pea-like plant grown to some extent for feeding to stock. Frequently sown with Oats. Sow 1 to 1½ bu. per acre. Bu. $8.00.

Vetches, Sand, Winter, or **Hairy** (Vicia villosa). Thrives on poor, arid, sandy soil, and can be sown either in Spring or Fall. If cut as soon as full grown and before flowering a second growth will be made. Sow 40 to 50 lbs. per acre. Bu. of 60 lbs. $18.00.

SUDAN GRASS. An annual closely related to the Sorghum family, of quick growth and much relished by farm animals. The first crop can be cut in from fifty to seventy days, depending upon the seasons. It does well most anywhere sown. Sown broadcast 16 to 24 lbs. to acre. Planted in drills 4 to 6 lbs. per acre. Lb. 35c.

CLOVER SEEDS

Prices subject to change with the market. Add Parcel Post rates if wanted by mail.

Alfalfa, or **Lucerne** (Medicago sativa). Seed can be sown in April and May in this latitude, and much later in the South. 20 to 25 lbs. of seed per acre are required. Lb. 45c., 100 lbs. $40.00.

Alfalfa, Genuine Grimm. It originated in northern Minnesota. The strong branching roots of Genuine Grimm Alfalfa prevent winterkilling. Sow 15 to 20 lbs. per acre. Lb. $1.00.

Alsike, or **Swedish** (Trifolium hybridum). Hardiest of all the Clovers and on rich, moist soil yields an enormous quantity of hay or pasturage. Valuable for sowing with Clovers or Grasses, as it forms a thick bottom and increases yield of hay. Lb. 40c., 100 lbs. $35.00.

Bokhara Clover (Melilotus alba). Valuable sort for soiling and for ensilage and bees. Lb. 50c., 100 lbs. $48.00.

Crimson Clover (Trifolium incarnatum). An annual variety, largely used in the South for feeding green and for hay. The yield in fodder is large, and after cutting, it at once commences growing again and continues until cut by frost. Sow in April or May; 20 lbs. to the acre. Not always hardy in New England. Lb. 30c., 100 lbs. $25.00.

Red Clover, Medium (Trifolium pratense). The leading variety of Clover for pastures or meadows. Requires deep, rich soil. Sow in Spring. Lb. 45c., 100 lbs. $40.00.

Red Northern, or **Mammoth.** Grows 4 to 5 feet high and is used to plow under for manure. Lb. 45c., 100 lbs. $40.00.

White Dutch Clover (Trifolium repens). The best variety for lawns, as it forms a close herbage and remains green throughout the season; valuable when mixed with grass seeds for pasture. Lb. 90c.

GENERAL LIST OF
GREY'S SUPERIOR QUALITY FLOWER SEEDS

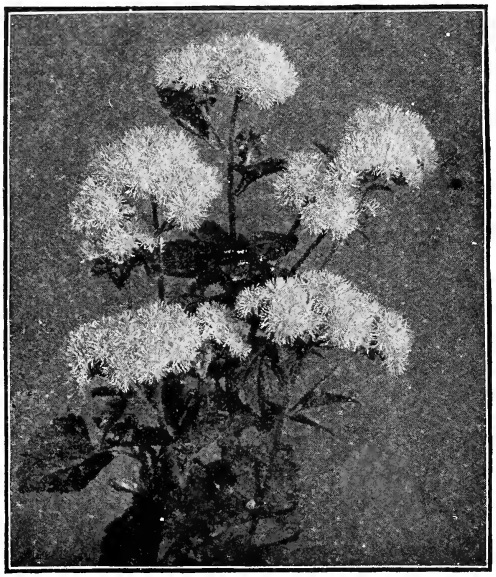
Very carefully revised list to which many meritorious and recently introduced sorts have been added and all inferior varieties discarded.

All flower seeds mailed free on receipt of price quoted.

☞ If the number is used when ordering, it will not be necessary to write the name.

No.			Pkt.
10	**ABUTILON, Prize Mixed** (Flowering Maple). Perpetual bloomers and rapid growers; seed sown indoors in March will produce plants that will bloom outdoors during the Summer and indoors all Winter		$0.25
	ACACIA. Beautiful half-hardy shrubs, with pretty, ornamental foliage and graceful racemes of yellow flowers. Soak the seed in warm water before sowing. 6 to 10 ft.		
15	**Baileyana.** Long sprays of bright yellow flowers; excellent for cutting	¼ oz. 50c.	.15
20	**floribunda.** Deep yellow	**¼ oz. 35c.**	**.10**
25	**lophantha superba.** Fine yellow, delicate foliage	¼ oz. 35c.	.10
30	**Finest Mixed Varieties.** From a large collection	¼ oz. 25c.	.10
	ACANTHUS. Stately, ornamental, hardy perennials, remarkable for their beautiful foliage and curious flowers; in Aug. and Sept. 2 to 4 ft.		
35	**mollis.** The beautiful foliage of this sort is said to have given rise to the Corinthian style of architecture; flowers white	¼ oz. 25c.	.10
40	**mollis latifolius.** Handsome sort, more robust than the preceding	¼ oz. 25c.	.15
45	**ACHILLEA, The Pearl.** One of the best hardy perennials, covered with heads of pure white, double flowers from Spring till frost; fine for cutting. 1½ ft.	1-16 oz. $1.50.	.25
50	**ACHIMENES, Superb Mixed.** Profuse blooming greenhouse plants, 1 ft. high, easily grown and flowering through the Summer. The flowers vary in size and are of the richest colors		.50
	ACONITUM (Monk's Hood). Hardy perennials, with long spikes of hood-shaped flowers, excellent for shrubbery borders and shady places. June to Sept.		
55	**Napellus.** Large, deep blue. 3 ft.	¼ oz. $1.00	.15
65	**pyrenaicum.** Large yellow. 2½ ft.	¼ oz. $1.00	.15
68	**Wilsoni.** Large trusses, light blue. 4 ft.		.25
70	**Finest Mixed.** Best and rare species	¼ oz. 60c.	.10
	ACROCLINIUM. One of the prettiest and best annual everlastings for cutting fresh or for Winter use. For drying they should be cut before fully open and hung in airy room to dry, heads down. 15 in.		
75	**Double Rose**	¼ oz. 25c.	.10
80	**Double White**	¼ oz. 25c.	.10
82	**Single Rose**	¼ oz. 25c.	.10
83	**Single White**	¼ oz. 25c.	.10
84	**Mixed**	¼ oz. 20c.	10

No.			Pkt.
90	**ADLUMIA cirrhosa** (Mountain Fringe, or Allegheny Vine). Beautiful climber, Maidenhair Fern-like foliage, pink flowers; a self-sowing, hardy biennial. 15 ft.	$\frac{1}{16}$ oz. 75c.	$0.15
	ADONIS. Free-flowering border plants, with showy flowers, of easy culture in any garden soil.		
95	**æstivalis** (Flos Adonis). Deep crimson, free-flowering annual. 1 ft. July and Aug.	¼ oz. 25c.	.10
100	**vernalis.** Large, yellow flowers in May and June. Hardy perennial. 1 ft.	¼ oz. 75c.	.10
105	**AGATHEA cœlestis** (Blue Marguerite). Free-blooming, tender perennial, with blue, Daisy-like flowers. Fine for Winter flowering, and a good bedder. 1½ ft.		.15
	AGERATUM. Effective plants for bedding, covered with bloom throughout the season. Valuable for cutting. Half-hardy annual.		
110	**Blue Perfection.** Deep blue. 1 ft.	¼ oz. 75c.	.15
115	**Blue Star.** Bright light blue. 5 in.		.25



Ageratum

No. **AGERATUM**—Continued Pkt.

120 **Imperial Dwarf, Dark Blue.** 8 in..... ¼ oz. 75c. $0.10

125 **Imperial Dwarf, White.** 8 in....¼ oz. 40c. .10

130 **Lasseauxii.** Fine rose. 1½ ft.....¼ oz. 50c. .10

135 **Little Dorrit.** Azure blue. 8 in....¼ oz. 35c. .10

140 **Mexicanum.** Large, lilac blue...1½ ft..... ¼ oz. 30c. .10

145 **Mexicanum album grandiflorum.** Large white. 1½ ft.....¼ oz. 30c. .10

150 **Princess Victoria Louise.** Bright blue, white center. 8 in.....¼ oz. 40c. .10

155 **AGROSTEMMA coronaria, Mixed** (Mullein Pink). Free flowering, hardy perennial, with bright crimson and white flowers; fine for cutting. 2 ft.....¼ oz. 35c. .10

160 **hybrida Walkeri.** Large, bright rose; hardy perennial..... .15

165 **cœli rosa, Mixed** (Rose of Heaven). Fine annual sort, with pink and white flowers; fine for cutting. 1½ ft.....¼ oz. 20c. .10

170 **ALONSOA, Mixed** (Mask Flower). Charming annual, flowering throughout the Summer and Autumn; easily grown and very desirable. 1½ ft.....⅛ oz. 30c. .15

175 **ALSTRŒMERIA, Finest Mixed.** Handsome Lily-like, hardy perennials, varying from pale yellow to orange red; fine for cutting. Needs light protection in Winter. 3 ft..... ¼ oz. 50c. .25

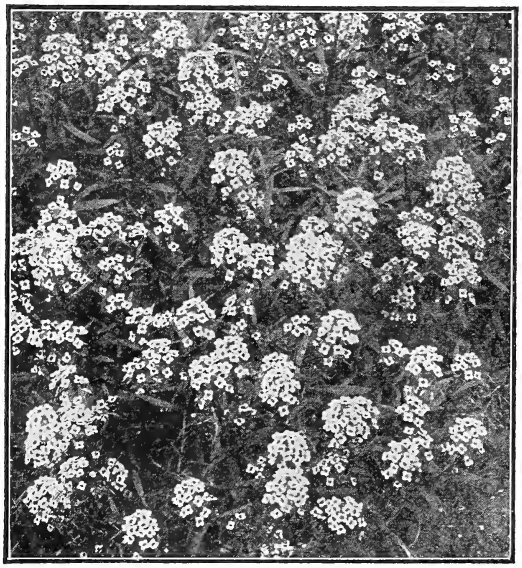
ALYSSUM. Dwarf-growing annuals, blooming profusely throughout the season. The flowers are fragrant and extensively grown for cutting. Fine for beds, borders and vases.

180 **Benthami** (Sweet Alyssum). White, fragrant, free bloomer. 1 ft..... 4 oz. $1.50, oz. 50c. .10

185 **Carpet of Snow** (White Fleece). Pure white, very dwarf and sweet. 4 in..... ¼ oz. 40c., oz. $1.25 .10

190 **Little Dorrit.** A perfect gem for borders or beds, compact, white and sweet..¼ oz. 40c. .15

195 **Little Gem.** White, distinct and very sweet. ½ ft.....¼ oz. 30c., oz. $1.00 .10



Sweet Alyssum

No. **ALYSSUM**—Continued Pkt.

200 **saxatile compactum** (Gold Dust). Bright, yellow, Spring flowering, hardy perennial. 9 in.....¼ oz. 50c., oz. $1.50. $0.10

201 **saxatile Lemon Queen.** Pale yellow..... ⅛ oz. 75c. .15

AMARANTUS. Brilliant foliaged annuals, with showy recemes of flowers; very ornamental and excellent for borders and subtropical gardening.

205 **caudatus** (Love-Lies-Bleeding). Long drooping, scarlet racemes. 3 ft...¼ oz. 25c. .10

210 **cruentus** (Prince's Feather). Dark red, feathery spikes of flowers 3 ft....¼ oz. 25c. .10

215 **salicifolius** (Fountain Plant). Long foliage, beautifully variegated. 3 ft.....¼ oz. 35c. .10

220 **tricolor splendens** (Joseph's Coat). Foliage crimson, yellow and bronze. 2 ft..... ¼ oz. 50c. .15

225 **AMARYLLIS, Special Hybrids** (Hippeastrum). Saved from the finest, extra large-flowering varieties..... .50

230 **AMBROSIA mexicana.** Sweet-scented annual. useful in bouquets. 1 to 1½ ft...¼ oz. 30c. .10

235 **AMPELOPSIS Veitchii** (Boston Ivy). Popular, rapid-growing, hardy vine. It adheres firmly to stone, brick or wood, foliage turning very brilliant in the Autumn..¼ oz. 20c. .10

240 **ANCHUSA capensis.** Fine azure-blue Forget-Me-Not-like flowers, excellent for cutting. 1 ft.....⅛ oz. 25c. .10

245 **italica, Dropmore Variety.** Splendid, hardy perennial, with beautiful flowers of a lovely gentian blue; fine for borders or cutting. 4 ft.....¼ oz. 75c. .15

250 **ANEMONE coronaria, St. Brigid.** An improved strain of the hardy garden Anemone, with larger and more brilliant flowers which remain longer in bloom. 1 ft..... .15

253 **ANTHEMIS arabica.** Annual yellow..... 10

255 **Kelwayi** (Hardy Marguerite). A most satisfactory, hardy perennial, bearing throughout the Summer golden yellow, Daisy-like flowers, excellent for cutting. 2 ft..... ⅛ oz. 40c. .10

ANTHERICUM. One of the finest ornamental garden plants, producing freely fine spikes of sweet-scented, Lily-like flowers from May to July. Hardy perennial. 1½ ft.

265 **liliastrum Giant** (St. Bruno's Lily). Large white, with green spots.....⅛ oz. $1.00 .25

ANTIRRHINUM. One of the most beautiful and useful bedding plants, blooming profusely and continuously throughout the Summer and Autumn. **Our seeds of these are grown by a specialist and are noted for the superior size and quality of their flowers.**

TALL VARIETIES, 2 to 2½ ft.

270 **Giant Mixed.** Finest sorts.....¼ oz. 40c. .10

272 **Orange Beauty**.....¼ oz. 75c. .15

275 **Giant Rose**.....¼ oz. 60c. .10

280 **Giant Deep Crimson**.....¼ oz. 60c. .10

285 **Giant Scarlet**.....¼ oz. 60c. .10

290 **Giant Striped** (Dobbie's).....¼ oz. 60c. .10

295 **Giant Venus.** Delicate pink....¼ oz. 60c. .10

300 **Giant White.** 2½ ft.....¼ oz. 60c. .15

305 **Giant Yellow.** 2½ ft.....¼ oz. 60c. .15

310 **Coral Rose.** 2 ft.....¼ oz. 50c. .10

315 **Cottage Maid.** Pink, white throat ¼ oz. 50c. .10

320 **Delicate Rose.** Fine shade.....¼ oz. 50c. .10

325 **Fairy Queen.** Rich orange salmon.¼ oz. 50c. .10

327 **Nelrose**.....¼ oz. 60c. .15

330 **Rose Dore.** Salmon rose, shaded gold..... ¼ oz. 75c. .15

332 **Silver Pink**.....¼ oz. 75c. .15

335 **Collection of Six Varieties.** Our selection.. .60

No. **ANTIRRHINUM**—Continued Pkt.

SEMI-DWARF VARIETIES, 15 to 18 ins.

340 **Art Shades.** Ranging through pink, orange and terra cotta. 1 ft.....¼ oz. 75c. $0.15

345 **Amber Queen.** Canary yellow, overlaid with chamois pink, golden lip....¼ oz. 75c. .15

350 **Carmine Queen.** Rose carmine...¼ oz. 75c. .15

355 **Cottage Maid.** Pale coral pink, white..... throat.....¼ oz. 50c. .10

360 **Crimson King.** Bright crimson...¼ oz. 75c. .15

365 **Golden Queen.** Pure yellow....¼ oz. 60c. .10

370 **Rosy Morn.** Bright rose-pink....¼ oz. 60c. .10

371 **Pink Queen.** Lovely pink, yellow lip, spikes. ⅛ oz. 75c. .15

375 **Queen of the North.** Pure white..¼ oz. 60c. .10

380 **Mixed.** Finest varieties.....¼ oz. 50c. .10

385 **Collection of Six Varieties.** Our selection... .60

TOM THUMB VARIETIES, 8 to 10 in. Excellent for bedding, blooming all Summer. Height about 10 in.

390 **Antique Rose**.....⅛ oz. 60c. .15

395 **Brilliant Crimson**.....⅛ oz. 60c. .15

400 **Bronze and Gold**.....⅛ oz. 60c. .15

405 **Canary Yellow**.....⅛ oz. 60c. .15

410 **Dark Scarlet**.....⅛ oz. 60c. .15

415 **Snowflake.** Extra pure white....⅛ oz. 60c. .15

420 **Choice Mixed**.....⅛ oz. 60c. .15

425 **Collection of Six Varieties.** Our selection... .70

AQUILEGIA (Columbine). Beautiful, free-flowering, hardy perennials. blooming profusely through the Spring and early Summer and of easiest cultivation. Early-sown seed will bloom the same season. 1½ to 3 ft.

430 **Grey's Columbia Hybrids.** Special long-spurred strain. The colors include the most charming combinations from the brightest to the most delicate tints..... ⅛ oz. $1.25, ¼ oz. $2.00 .25

435 **canadensis.** Scarlet and yellow, native species.....¼ oz. 75c. .10

440 **chrysantha.** Showy, bright yellow..... ¼ oz. $1.50 .15

445 **chrysantha grandiflora alba.** Large, pure white.....¼ oz. $1.50 .25

450 **cœrulea** (Rocky Mountain Columbine). Splendid, large, light blue.....¼ oz. $2.00 .25

455 **cœrulea alba.** White, long spurs..... ¼ oz. $1.50 .25

460 **cœrulea rosea.** Rose, long spurs..... ¼ oz. $1.25 .25

465 **glandulosa.** Large, rich, deep blue, with white center..... .25

470 **nivea grandiflora.** Pure white....¼ oz. 35c. .10

475 **Olympica.** Large, delicate mauve..... ¼ oz. 50c. .10

480 **Skinneri.** Scarlet and yellow...¼ oz. $1.50 .25

485 **Mixed Single Varieties**.....¼ oz. 40c. .10

490 **Mixed Double Varieties**.....¼ oz. 75c. .10

495 **Collection of Six Varieties.** Our selection. 1.00

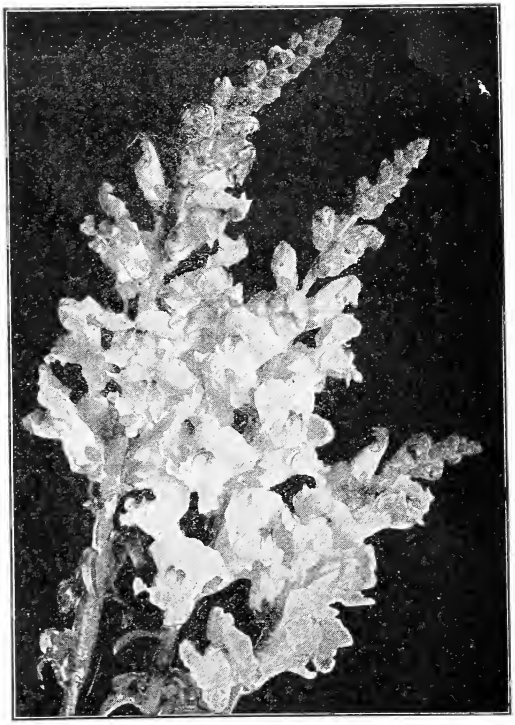
500 **ARABIS alpina.** Hardy perennial, with pure white flowers, blooming early in the Spring; valuable for edgings and rockwork; will grow well in rather shaded position..... ¼ oz. 50c. .10

505 **grandiflora superba.** Improved, large flowers.....¼ oz. $1.00 .15

510 **ARALIA Sieboldi.** A most desirable foliage plant, well suited for the conservatory and for plunging in flower beds during Summer. 2 to 3 ft..... .25

515 **ARCTOTIS grandis.** Handsome annual from South Africa, with large, Daisy-like flowers, white, with light blue center, the underside of petals being pale blue. 2 ft....¼ oz. 50c. .10

520 **ARGEMONE grandiflora.** Large, pure white, Poppy-like flowers; showy. 2 ft..¼ oz. 35c. .10



Antirrhinum

No. Pkt.

ARMERIA (Thrift, or Sea Pink). Pretty, hardy perennial for edgings, blooming all Summer.

525 **formosa.** Dark crimson. 1 ft...¼ oz. 60c. $0.10

530 **formosa alba.** Pure white....¼ oz. 60c. .10

535 **ASCLEPIAS tuberosa.** One of the most showy of our Summer and Autumn-flowering, hardy perennials, with umbels of bright orange-colored flowers. 1½ ft..¼ oz. $1.25 .10

540 **ASPARAGUS plumosus nanus.** Beautiful house plants; the feathery foliage is unrivaled for cutting.....100 seeds, $1.00 .25

545 **Sprengeri.** Excellent plant for table decoration or to grow in pots or baskets. ¼ oz. 25c. .10

550 **ASPERULA azurea setosa.** Annual species of Woodruff, with fragrant, light blue flowers, blooming through the Summer, and fine for cutting. It will grow in poor soil or in shaded places. 1 ft....¼ oz. 30c. .10

555 **odorata** (Sweet Woodruff). Hardy perennial, conspicuous in May by its pure white, sweet-scented flowers. The foliage and flowers when dried retain their fragrance. Grows well under trees.....¼ oz. 75c. .15

560 **tinctoria.** Small, white flowered perennial; can be used for same purposes as Gypsophila.....¼ oz. 75c. .15

ASPHODELUS. Showy plants with handsome flower spikes. They grow well in any soil. Hardy perennial.

570 **luteus.** Fine, yellow, fragrant. 3 ft..... ¼ oz. 60c. .15

ASTERS

For best results Asters should have a good rich soil and plenty of moisture. As the roots are produced near the surface, a mulching during hot weather is very beneficial. The location of the bed should be changed every year.

No.			Pkt.
575	**COLUMBIA PRIZE. Double Mixed.** This mixture is especially selected from the finest large-flowering, double varieties, which grow about the same height, and includes the best of recent introductions. It is without an equal..... ¼ oz. $1.25, oz. $4.00		$0.10
	AMERICAN BRANCHING, "LATE." Superb, free-flowering strain, with long, strong stems and very large, graceful Chrysanthemum-like flowers, double to the center. By successive sowings they may be had in bloom from Aug. to late Fall. 2 to 2½ ft.		
580	**Dark Violet, velvety**.. ¼ oz. $1.00, oz. $3.00		.10
585	**Lavender**..... ¼ oz. 1.00, oz. 3.00		.10
590	**Peerless Pink.** Delicate ¼ oz. 1.00, oz. 3.00		.10
595	**Purple**..... ¼ oz. 1.00, oz. 3.00		.10
600	**Rich Crimson**..... ¼ oz. 1.00, oz. 3.00		.10
605	**Rose Pink**..... ¼ oz. 1.00, oz. 3.00		.10
610	**Shell Pink** (Mary Semple)..... ¼ oz. 1.00, oz. 3.00		.10
615	**Snow White**..... ¼ oz. 1.00, oz. 3.00		.10
620	**Mixed.** All colors.... ¼ oz. 1.00, oz. 3.00		.10
625	**Collection of Six Colors.** Our selection....		.50
	AMERICAN BRANCHING "KING." Distinct from every other variety in the character of its flowers, which are of great size and substance, lasting longer when cut than any other class; the long, narrow petals are folded lengthwise, giving somewhat of a quilled appearance. The stems are exceptionally long and strong. They bloom with the late branching. 2 to 2½ ft.		
630	**Crimson King.** Rich crimson... ⅛ oz. 85c.		.15
635	**Pink King.** Soft lavender pink.. ⅛ oz. 85c.		.15
640	**Rose King.** Bright, deep rose... ⅛ oz. 85c.		.15
645	**White King.** Snow white..... ⅛ oz. 85c.		.15
650	**Violet King.** Rich violet purple.. ⅛ oz. 85c.		.15

American Branching Aster

No.			Pkt.
	AMERICAN BRANCHING "ROYAL." A new class, with broad, incurved petals, possessing all the characteristics of the late branching, as to size of flower, vigor of plant, etc., but not quite so tall, as they branch close to the ground; they bloom earlier and are classed with the midseason varieties. 1½ to 2 ft.		
655	**Enchantress Pink.** Soft color.. ⅛ oz. 75c.		$0.15
660	**Royal Lavender.** Beautiful shade. ⅛ oz. 75c.		.15
665	**Royal Purple.** Rich, deep purple. ⅛ oz. 75c.		.15
670	**Royal Shell Pink.** Delicate..... ⅛ oz. 75c.		.15
675	**Royal White.** Glistening white.. ⅛ oz. 75c.		.15
	BEDDING, Superb. A splendid double, free-flowering, early variety, excellent for cutting and adapted for beds or masses. The flowers are large, well formed, and resemble the Victoria. 1 ft.		
680	**Collection of following 5 colors, separate**		.60
685	**Crimson**..... ¼ oz. $1.50, oz. $5.00		.15
690	**Dark Blue**..... ¼ oz. 1.50, oz. 5.00		.15
695	**Light Blue**..... ¼ oz. 1.50, oz. 5.00		.15
700	**Rose**..... ¼ oz. 1.50, oz. 5.00		.15
705	**Snow White**..... ¼ oz. 1.50, oz. 5.00		.15
710	**Finest Mixed**..... ¼ oz. 1.50, oz. 5.00		.15

COMET TYPE, see **CREGO'S, OSTRICH PLUME, LAVENDER GEM, SNOWDRIFT, TRIUMPH.**

	CREGO'S GIANT COMET. Branching sort with large, full, fluffy flowers—through August and September. 2 ft.		
715	**Lavender**..... ¼ oz. $1.25		.10
720	**Purple.** Fine color..... ¼ oz. 1.25		.10
725	**Pink.** Soft shell pink..... ¼ oz. 1.25		.10
730	**Rose.** Clear, bright rose..... ¼ oz. 1.25		.10
735	**White.** Pure snow white..... ¼ oz. 1.25		.10
	OSTRICH PLUME, Improved. Superb new branching class with enormous flowers on long stems. The petals are curled and twisted, resembling Japanese Chrysanthemums, blooming in August and September; excellent for cutting or exhibition. 2½ ft.		
740	**Collection of following 6 colors, separate**		.75
745	**Crimson**..... ⅛ oz. 75c.		.15
750	**Dark Purple**..... ⅛ oz. 75c.		.15
755	**Lavender**..... ⅛ oz. 75c.		.15
760	**Rose Pink**..... ⅛ oz. 75c.		.15
765	**White**..... ⅛ oz. 75c.		.15
770	**Shell Pink**..... ⅛ oz. 75c.		.15
775	**Finest Mixed**..... ⅛ oz. 75c.		.15
	OSTRICH PLUME, Early Flowering. Fine strain of this beautiful Aster, blooming in July and August. 1½ to 2 ft.		
780	**Dark Blue**..... ⅛ oz. 75c.		.15
785	**Light Blue**..... ⅛ oz. 75c.		.15
790	**Rose**..... ⅛ oz. 75c.		.15
795	**White**..... ⅛ oz. 75c.		.15
800	**IMBRICATED POMPON, Mixed.** Beautiful small-flowered sort, excellent for cutting; midseason. 1½ ft..... ¼ oz. 75c.		.10
	IMPERIAL, "Improved American Victoria." The best-known and most extensively used of all the Summer-flowering varieties; distinguished by their delicacy of coloring, profusion of bloom and the extreme doubleness of their large flowers which are produced on long, strong stems. 2 ft.		
805	**Blue Bird.** Beautiful light blue.. ⅛ oz. 75c.		.15

ASTERS—Continued

No. **IMPERIAL**—Continued Pkt.

810 **Daybreak.** Delicate shell pink...⅛ oz. 75c. $0.15
815 **Lavender.** Clear, delicate shade..⅛ oz. 75c. .15
820 **Rosy Morn.** Bright rose.....⅛ oz. 75c. .15
825 **Purity.** Snow white.....⅛ oz. 75c. .15
830 **Salmon King.** Pinkish salmon..⅛ oz. 75c. .15
835 **Yellow.** Lemon yellow, pink flush..... ⅛ oz. 75c. .15
840 **LAVENDER GEM.** An early branching sort of the Comet type, with large, double, wavy petaled flowers of an exquisite shade of lavender. 2 ft.....⅛ oz. 75c. .15

MIKADO. A superior strain of the Comet type. The flowers are large and full, with long, graceful, reflexed petals, the center ones curling across each other in magnificent disorder. They bloom at midseason and resemble the Branching Asters in vigor and immense bloom. 2 ft.

845 **Pink** (Rochester). Lavender pink..... ⅛ oz. 75c. .15
850 **Purple.** Deep, rich color.....⅛ oz. 75c. .15
855 **Rose.** Deep, brilliant rose.....⅛ oz. 75c. .15
860 **White.** Immense, pure white....⅛ oz. 75c. .15

PÆONY FLOWERED PERFECTION. One of the best incurved varieties. Flowers large, full, and very double; blooms in Aug. 2 ft.

865 **Blood Red**.....⅛ oz. 75c. .15
870 **Dark Blue**.....⅛ oz. 75c. .15
875 **Light Blue**.....⅛ oz. 75c. .15
880 **Pink**.....⅛ oz. 75c. .15
885 **Snow White**.....⅛ oz. 75c. .15
890 **Mixed**.....⅛ oz. 75c. .15

QUEEN OF THE MARKET. The earliest flowering first-class Aster. Coming into bloom 3 to 4 weeks earlier than other sorts. The flowers are of good size on long stems and extensively grown for cutting. 1 ft.

895 **Collection of the following 6 colors**..... .50
900 **Crimson** .....¼ oz. 75c., oz. $2.00 .10
905 **Dark Blue**.....¼ oz. 75c., oz. 2.00 .10
910 **Flesh Pink**.....¼ oz. 75c., oz. 2.00 .10
915 **Light Blue**.....¼ oz. 75c., oz. 2.00 .10
920 **Rose**.....¼ oz. 75c., oz. 2.00 .10
925 **White**.....¼ oz. 75c., oz. 2.00 .10
930 **Mixed.** All colors.....¼ oz. 75c., oz. 2.00 .10

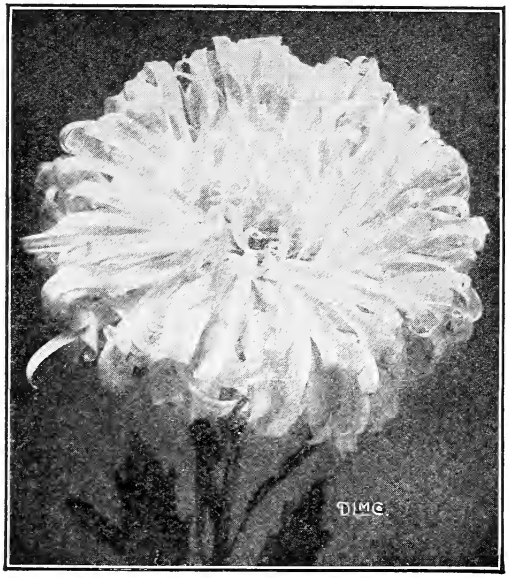
935 **SENSATION, New Red.** Entirely different from all others, and in a class of its own. It is the reddest of all red Asters, the color being a dark, rich garnet, which glistens in the sunshine. Flowers very double, 3 in. across, and borne freely on long stems. It blooms with the late sorts; branching habit. 1½ ft.....¼ oz. $1.00 .15

940 **SNOWDRIFT.** One of the earliest and most valuable sorts, coming into bloom in July, with superb, large, snow white flowers of the Hohenzollern type; very free. 2 ft..... ¼ oz. $1.50 .15

TRIUMPH COMET. A magnificent new class of midseason Asters, with extra long stems and **very large,** full, double, fluffy flowers. The finest and largest of the Comet type ever offered. 2½ ft.

945 **Lavender**..... ⅛ oz. 75c. .15
950 **Purple**..... ⅛ oz. 75c. .15
955 **Rose**..... ⅛ oz. 75c. .15
960 **Shell Pink**..... ⅛ oz. 75c. .15
965 **White**..... ⅛ oz. 75c. .15

VICTORIA IMPROVED. A magnificent class either for bedding or exhibition, of pyramidal habit; produces freely during August and September its large, double flowers, with beautifully reflexed petals. 2 ft.



Crego Giant White Aster—*See page* 32

No. **VICTORIA IMPROVED**—Continued Pkt.

970 **Collection of 6 colors. Our selection**... $0.50
975 **Dark Crimson**.....⅛ oz. 85c., ¼ oz. $1.25 .10
980 **Dark Blue**.....⅛ oz. 85c., ¼ oz. 1.25 .10
985 **Dark Scarlet**.....⅛ oz. 85c., ¼ oz. 1.25 .10
990 **Delicate Rose**.....⅛ oz. 85c., ¼ oz. 1.25 .10
995 **Light Blue**.....⅛ oz. 85c., ¼ oz. 1.25 .10
1000 **Peach Blossom**....⅛ oz. 85c., ¼ oz. 1.25 .10
1005 **Rosy Lilac**.....⅛ oz. 85c., ¼ oz. 1.25 .10
1010 **Snow White**.....⅛ oz. 85c., ¼ oz. 1.25 .10
1015 **Mixed.** All colors..⅛ oz. 75c., ¼ oz. 1.25 .10

SINGLE ASTER ELEGANCE. New, large-flowered, single sort, on long stems, with beautiful, long petals; excellent for cutting. August and September. 1½ ft.

1020 **Deep Rose**..... [illegible] oz. 50c.
1025 **Deep Blue**.....⅛ oz. 50c.
1030 **Lavender**.....⅛ oz. 50c.
1035 **Pink**.....⅛ oz. 50c.
1040 **White**.....⅛ oz. 50c. .10
1045 **Mixed**.....⅛ oz. 50c. .10

ASTER, Perennial Sorts (Michaelmas Daisies). We have in this class some of the most showy, beautiful and interesting hardy plants grown; their graceful habit, profusion of bloom and great variety of color form the chief attraction of the flower garden throughout the Autumn months.

1050 **alpinus speciosus.** Large, rich purple... .25
1055 **sub-cæruleus.** A fine species, with very large, mauve-colored, orange-centered flowers, 2 to 3 inches across, borne on long stems. It begins blooming quite early. 2 ft..... .25
1060 **White Queen.** Large white..... .25
1065 **Mixed Hybrids, New Large-flowered.** This strain contains many beautiful colors, and the flowers which are produced in great profusion, afford elegant sprays for cutting. 2 to 4 ft..¼ oz. $1.50 .25

No. Pkt.

AUBRIETIA. These dwarf, hardy perennials are invaluable for the border, rockeries, etc.; they are among the brightest and most free flowering plants of early Spring.

1070 **Græca.** Beautiful purple color..... $0.25
1075 **Leichtlinii.** Rosy red, very pretty..... .25

AURICULA. See **Primula Auricula.**

BACHELOR'S BUTTON. See **Centaurea.**

BALSAM. These old-fashioned annuals so easily grown are again increasing in popularity, and most beautiful and brilliant effects may be had from them; overcrowding should be avoided and they should be set at least 18 in. apart for best results.

1080 **Columbia Prize.** An unsurpassed strain in doubleness, size, brilliancy and variety of color.....¼ oz. 75c. .15
1085 **Dark Blood Red.** Extra.....¼ oz. 60c. .10
1090 **Intense Scarlet** (The King).....¼ oz. 60c. .10
1095 **Rich Pink** (Salmon King).....¼ oz. 60c. .10
1100 **White** (Snowball). Superior....¼ oz. 75c. .10
1105 **Mixed Rose flowered.** Very double..... ¼ oz. 40c. .10

1110 **BALLOON VINE.** A rapid growing annual climber, with white flowers and inflated seed vessels which look like miniature balloons.....Oz. 30c .10

1115 **BAPTISIA australis** (False Indigo). Handsome, hardy perennial, producing bright blue, pea-shaped flowers on spikes 6 in. long. 2½ ft.....¼ oz. 40c. .10

1120 **BARTONIA aurea.** Showy, hardy annual of distinct character, its large, golden yellow flowers being freely produced; succeeds well in partial shade. 1½ ft..... ¼ oz. 30c. .10

BEANS, Flowering. Popular ornamental climbers, with edible pods of delicious flavor. 6 to 8 ft.

1125 **Butterfly Runner.** Large, pink and white. ¼ lb. 50c., lb. $1.50 .15
1130 **Scarlet Runner.** Large, brilliant scarlet... Lb. 45c. .10
1135 **White Runner.** Large, pure white..... Lb. 45c. .10

BEGONIA, Tuberous Rooted. These are easily grown from seed and may be had in bloom in about 6 months. They make a gorgeous display throughout the season and are excellent for bedding purposes, window boxes, etc., and as pot plants are effective for house and conservatory. 1 ft.

1140 **Double, Prize Mixed**..... 1.00
1145 **Single, Giant Mixed**..... .50
1150 **Single Fringed.** Unsurpassed strain..... .50

BEGONIA, Fibrous Rooted. The following sorts are perpetual bloomers and extensively used for planting outside in beds and for pot culture in the greenhouse. 1 ft.

1155 **gracilis alba.** Pure white..... .25
1160 **Bonfire.** Lustrous carmine, with brownish red foliage..... .25
1165 **Mignon.** Brilliant salmon scarlet. New. 8 in..... .25
1170 **luminosa.** Dark scarlet, reddish brown foliage..... .25
1175 **rosea.** Fine rose pink..... .25
1180 **Erfordia.** Lovely rosy carmine flowers, with dark, glossy, green foliage. One of the best..... .50
1185 **Salmon Queen.** Brilliant salmon red, passing to salmon rose; the dark green foliage has a reddish hue..... .50
1190 **Triumph.** Beautiful, large, snow white flowers; excellent..... .50

No. **BEGONIA**—Continued Pkt.

1195 **Vernon.** Deep scarlet, with bronze foliage. $0.25
1200 **Vernon, Dwarf.** Rich red, with glossy, bronze foliage. 8 in..... .25
1205 **Rex Varieties, Mixed** (Ornamental leaved). Large, handsomely variegated leaves..... .75

BELLIS PERENNIS FL. PL. (Double Daisy). Favorite perennials producing in Spring their handsome, double flowers, and are very effective when planted with Pansies or Forget-Me-Nots. Rich soil and cool situation suit them best.

1210 **Longfellow.** Large, dark rose..¼ oz. $2.25 .15
1215 **Snowball.** Large, pure white...¼ oz. 2.25 .15
1220 **monstrosa Rose.** Extra large..⅛ oz. 1.25 .25
1225 **monstrosa White.** Extra large..... ⅛ oz. 1.25 .25
1230 **Quilled, Giant Red.** Dark red..... .25
1235 **Quilled, Giant White.** Pure white..... .25
1240 **Finest Mixed.** Double.....⅛ oz. 75c. .15

BELVIDERE. See **Kochia.**

1245 **BOCCONIA JAPONICA** (Plume Poppy, or Tree Celandine). Ornamental, hardy perennial, with glaucous green foliage and spikes of creamy white flowers, 2 to 3 feet long; grown in clumps or as single specimens they produce a marked effect. 5 ft.....¼ oz. 35c. .10

1250 **BOLTONIA latisquama.** One of our showiest hardy perennials, with large clusters of lavender-pink, Daisy-like flowers. 5 ft .25

BROWALLIA. Beautiful, profuse blooming bedding plants, covered with flowers during Summer and Autumn; also excellent as a pot plant. 1½ ft.

1255 **speciosa major.** Large, brilliant, ultramarine blue; splendid Winter bloomer.... .25
1260 **Mixed.** Shades of blue and white..... ¼ oz. 35c. .10

BRUGMANSIA. See **Datura arborea.**

1265 **BUPHTHALMUM salicifolium** (Ox-Eye). Fine, hardy perennial, with large, golden yellow flowers on long stems. 2 ft..... ¼ oz. 60c. .10

BRACHYCOME (Swan River Daisy). Profuse flowering, low growing annual, with pretty, Daisy-like flowers; doing best in warm and dry situations. 9 in.

1270 **Blue Star.** Beautiful, bright blue..... ⅛ oz. 50c. .10
1275 **rosea.** Fine rose color.....¼ oz. 60c. .10
1280 **Mixed.** Shades of blue, white and rose..... ¼ oz. 40c. .10

1285 **CACALIA coccinea** (Tassel Flower). A neat, free blooming annual, with scarlet tassel-like flowers. All Summer. 1½ ft..... ¼ oz. 30c. .10

1290 **CACTUS, Mixed Varieties.** Succulent plants of curious and ornamental growth, with showy flowers. Tender perennials..... .25

CALCEOLARIA. Our seeds are from noted English growers and saved from the finest strains grown, which have been awarded the leading prizes.

1295 **Covent Garden Strain.** Extra choice, strongly recommended for habit, size and marking of flowers..... .50
1300 **Kelway's Perfect Model.** Of splendid habit, neither too tall nor too dwarf; large heads of very large flowers, which are well rounded and filled out, the richest and most delicate colors in the most wonderful variety of shades and markings..... .75
1305 **rugosa,** or **Shrubby, Mixed.** Choice bedding varieties, with innumerable flowers.... .50

No. **CALENDULA officinalis fl. pl.** (Pot Marigold). Valuable, hardy annual, the double showy flowers making a grand display for months; suitable for dry places. 1 ft. Pkt.

1310 **Lemon Queen.** Clear lemon yellow..... Oz. 50c. $0.10

1315 **Meteor.** Lemon, striped with orange..... Oz. 40c. .10

1320 **Orange King.** Large, dark orange. Oz. 50c. .10

1325 **superba.** Rich yellow, dark eye...Oz. 50c. .10

1330 **Mixed.** Shades of lemon and orange.Oz. 35c. .10

CALIFORNIA POPPY. See **Eschscholtzia.**

CALLIOPSIS, or **COREOPSIS.** Remarkable, showy, hardy annuals, very continuous in flowering, hardly anything surpassing them in this respect, and most useful for cutting. 1½ to 2 ft.

1335 **coronata maxima.** Large, yellow..... ¼ oz. 25c. .10

1340 **Drummondii** (Golden Wave). Golden yellow, with brown center.....¼ oz. 25c. .10

1345 **Fire King.** Deep, bright scarlet, Cactus-shaped petals..... .15

1350 **nigra speciosa.** Dark velvety crimson.... ¼ oz. 25c. .10

1355 **Mixed.** Fine varieties...¼ oz. 15c., oz. 40c .10

1360 **Mixed, Double** (Hybrida fl. pl.)..¼ oz. 20c. .10

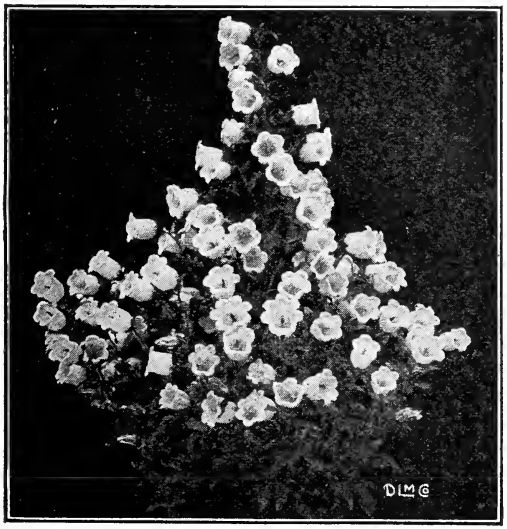
CALLIOPSIS, or **COREOPSIS, Hardy Perennial Varieties.** Early sown seed will bloom the same season, but it is better to sow in July and protect lightly in Winter.

1365 **Eldorado.** California strain, with very large, golden yellow flowers....¼ oz. $1.00 .10

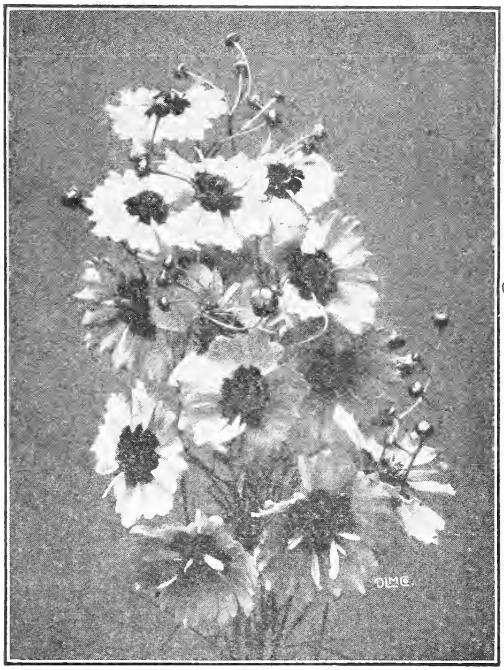
1370 **grandiflora.** Bright, golden yellow..... ¼ oz. 50c. .10

1375 **lanceolata.** Large, bright yellow.¼ oz. 60c. .10

1380 **CALLIRHOE involucrata** (Poppy Mallow). Showy, hardy perennial of spreading growth, with large, bright crimson, saucer-shaped flowers from early Summer till Fall. 1 ft.....¼ oz. $1.00 .15



Campanula medium



Calliopsis

No. **CAMPANULA** (Bellflower). Beautiful, well-known, hardy perennial, and one of our most attractive garden flowers, noted for their rich colors and profusion of bloom. Pkt.

1385 **carpatica.** Erect blue flowers all Summer; useful for borders or rockery. 9 in..... ¼ oz. 75c. $0.15

1390 **carpatica alba.** Erect, white flowers. 9 in. ¼ oz. 75c. .15

1395 **mirabilis.** Large, pale blue; extra. 2 ft.. .15

1400 **Moerheimi.** Large, white, saucer-shaped flowers. 2 ft.....⅛ oz. $1.50 .25

1405 **persicifolia grandiflora.** Large, bright blue; one of the best. 2 ft....⅛ oz. $1.50 .25

1410 **persicifolia grandiflora alba.** Large, pure white. 2 ft.....⅛ oz. $1.50 .25

1415 **persicifolia grandiflora Pfitzeri.** Large, light blue, double and semi-double. 2 ft. .25

1420 **persicifolia. Mixed.** All shades of blue and white. 2 ft.....⅛ oz. $1.50 .25

1425 **pyramidalis** (Chimney Bellflower). Blue, 4 ft.....⅛ oz. 75c. .15

1430 **alba.** White. 4 ft.....⅛ oz. 75c. .15

1433 **compacta Mixed.** Much more dwarf and free blooming than preceding..... .15

CAMPANULA medium (Canterbury Bells). Showy, hardy biennials, about 3 ft. high, of pyramidal form, and profusely covered with large, bell-shaped flowers.

calycanthema (Cup and Saucer Varieties).

1440 **Blue**.....¼ oz. $1.50 .10

1445 **Rose Pink**.....¼ oz. 1.50 .10

1450 **White**.....¼ oz. 1.50 .10

1455 **Mixed.** All colors.....¼ oz. 1.50 .10

1460 **Single, Blue**.....¼ oz 60c. .10

1465 **Rose Pink**.....¼ oz. 60c. .10

1470 **Rosy Carmine**.....¼ oz. 60c. .10

1475 **Mauve**.....¼ oz. 60c. .10

No. **CAMPANULA medium**—Continued Pkt.

1480 **Single White**.....¼ oz. 60c. $0.10
1485 **Mixed.** All colors.....¼ oz. 60c. .10
1490 **Double, Blue**.....¼ oz. $1.00 .10
1495 **Rose Pink**.....¼ oz. 1.00 .10
1500 **White**.....¼ oz. 1.00 .10
1505 **Mixed.** All colors.....¼ oz. 1.00 .10
1510 **Columbia Prize Mixture.** All colors of all varieties, unsurpassed.....¼ oz. 75c. .10

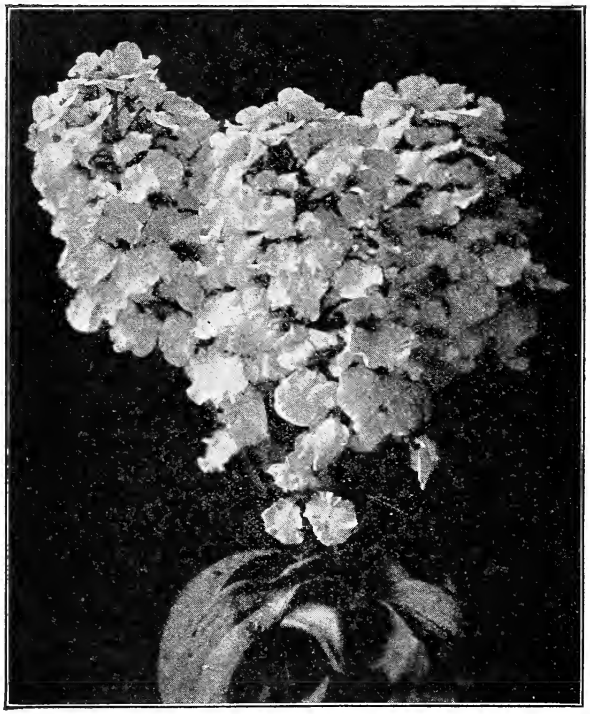
CANARY BIRD VINE. See **Tropæolum.**

CANDYTUFT. One of the most useful and popular hardy annuals for edgings or massing, and excellent for cutting. 1 ft.

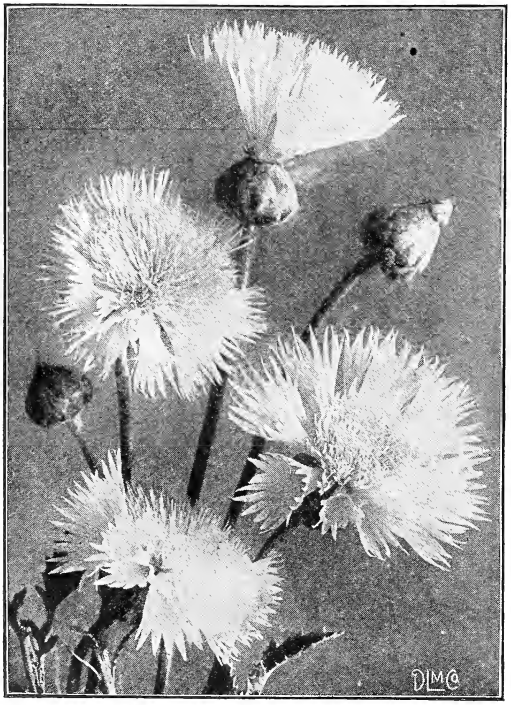
1515 **Carmine.** Carmine rose..¼ oz. 20c., oz. 50c. .10
1520 **Crimson.** Rich, deep shade..... ¼ oz. 25c., oz. 75c. .10
1525 **Dobbie's White Spiral.** A superior strain of the large flowered white from the introducer.....¼ oz. 50c., oz. $1.50 .10
1530 **Empress.** Immense, pure white pyramidal trusses.....¼ oz. 30c., oz. 85c. .10
1535 **Giant Perfection.** Immense, pure white spikes. Special selection..... ¼ oz. 40c., oz. $1.25 .10
1540 **Purple.** Fine shade..¼ oz. 20c., oz. 50c. .10
1541 **Queen of Italy**.....¼ oz. 50c. .10
1545 **Mixed.** All colors.....¼ oz. 15c., oz. 40c. .10
1550 **Dwarf Rose**.....¼ oz. 60c., oz. $1.75 .15
1555 **White**.....¼ oz. 50c., oz. 1.50 .10
1560 **Mixed Hybrids**.....¼ oz. 30c., oz. 1.00 .10

CANNAS. Handsome foliage and flowering plants, producing striking effects in beds or borders. Soak the seed in hot water 24 hours before sowing. 3 to 4 ft.

1565 **Crozy's New Large-flowering Varieties.** Newest and best sorts.....Oz. 60c. .10
1570 **Dark-leaved Sorts.** Dark foliaged sorts with large flowers.....Oz. 60c. .10



Candytuft Empress



Centaurea Imperialis—*See page 37*

No. Pkt.

CARDINAL CLIMBER. See **Ipomœa Quamoclit.**

CARNATION PINKS. See **Dianthus.**

CASTOR OIL BEANS. See **Ricinus.**

CATCHFLY. See **Silene.**

CELOSIA cristata, or COCKSCOMB. Free blooming annuals- large, brilliant Cockscomb-like heads. They prefer a light soil not too rich; fine border or pot plant

1575 **Collection 6 following colors, separate.** $0.50
1580 **Dwarf Bright Rose.** ¾ ft.....⅛ oz. $1.00 .10
1585 **Copper Color.** ¾ ft.....⅛ oz. 1.00 .10
1590 **Dark Blood Red.** ¾ ft.....⅛ oz. 1.00 .10
1595 **Glasgow Prize.** Dark crimson. ¾ ft. ⅛ oz. $1.00 .10
1600 **Golden Yellow.** ¾ ft.....⅛ oz. 1.00 .10
1605 **Silvery White.** ¾ ft.....⅛ oz. 1.00 .10
1610 **Mixed.** Finest colors. ¾ ft..⅛ oz. .75 .10
1615 **Tall Mixed.** All colors. 2 to 3 ft..... ⅛ oz. 20c. .10

CELOSIA Thompsoni magnifica, Improved Feathered Cockscomb. A magnificent and valuable annual, with long, feathery plumes of the richest colors, varying from pale yellow to the deepest crimson. Effective during Summer and Fall. 2 ft.

1617 **Childsii** (Chinese Woolflower)..... .10
1620 **Carmine**.....⅛ oz. 40c. .10
1625 **Crimson**.....⅛ oz. 40c. .10
1630 **Golden Yellow**.....⅛ oz. 40c. .10
1635 **Light Yellow**.....⅛ oz. 40c. .10
1640 **Scarlet**.....⅛ oz. 40c. .10
1645 **Triumph of Exposition.** Crimson, dark red stems.....⅛ oz. 40c. .10
1650 **Mixed.** All colors.....⅛ oz. 35c. .10

No. Pkt.

1660 **CELSIA Arcturus.** A fine half-hardy plant, very pretty for pot culture in a cool house. The long spikes of bright yellow flowers are produced the same season from Spring-sown seed..... $0.50

CENTAUREA (Dusty Miller). Silver foliaged plants, extensively used for edgings, baskets, etc. Half-hardy perennial.

1665 **candidissima.** Thick foliage. 1 ft..... ⅛ oz. 75c. .15

1670 **gymnocarpa.** Very graceful. 1½ ft..... ¼ oz. 35c. .10

CENTAUREA, Annual Varieties. Very free flowering, hardy annuals, with handsome, showy flowers; extremely useful for cutting. 1½ to 2 ft.

1675 **Americana.** Large, reddish lilac..... ¼ oz. 60c. .10

1680 **cyanus, Mixed** (Bachelor's Button)..... Oz. 40c. .10

1685 **Double, Mixed**.....Oz. 50c. .10

1690 **Blue**.....Oz. 50c. .10

1695 **Double Blue**.....¼ oz. 50c. .10

1700 **Purple**.....Oz. 50c. .10

1705 **Rose**.....Oz. 50c. .10

1710 **White**.....Oz. 50c. .10

imperialis (Royal Sweet Sultans). Very large, sweet scented flowers, on long stems, in the most beautiful and delicate colors. 2 to 3 ft.

1715 **Bright Pink**.....¼ oz. 60c. .10

1720 **Dark Purple**.....¼ oz. 60c. .10

1725 **Deep Lavender**.....¼ oz. 60c. .10

1730 **Lilac**.....¼ oz. 60c. .10

1735 **White**.....¼ oz. 60c. .10

1740 **Mixed.** All colors.....¼ oz. 60c. .10

1745 **moschata** (Sweet Sultan). Purple..... ¼ oz. 20c. .10

1755 **White**.....¼ oz. 20c. .10

1760 **Mixed**.....¼ oz. 20c. .10

1765 **suaveolens.** Yellow Sweet Sultan ¼ oz. 20c. .10

CENTAUREA, Perennial Varieties. Desirable, hardy plants, with showy, Thistle-like flowers from July to September.

1770 **macrocephala.** Large yellow. 3 ft..... .15

1775 **montana.** Deep purple. 2 ft.....¼ oz. 75c. .10

1780 **alba.** Large white. 2 ft.....¼ oz. 75c. .10

1785 **rosea.** Rose pink. 2 ft..... .25

1790 **CERASTIUM tomentosum** (Snow in Summer). A white foliaged, hardy perennial, with small, white flowers; fine for edgings and rockeries. 4 in.....⅛ oz. 75c. .25

1792 **CHEIRANTHUS Allionii** (Alpine Wallflower). Excellent dwarf perennial for rockery or margin of herbaceous border, brilliant orange flowers in Spring and all Summer if seed pods are removed.....¼ oz. $1.00 .25

CHELONE. Very handsome plant, with Pentstemon-like spikes of brilliant colored flowers from July to Oct. Hardy perennial. 2 ft.

1795 **barbata Torreyi.** Scarlet.....⅛ oz. 75c. .10

1800 **Hybrid, Finest Mixed.** Beautiful..... ⅛ oz. 50c. .10

CHRYSANTHEMUM. Showy and effective Summer flowering plants, blooming from July until frost; very desirable for the garden and for cut flowers.

Double-Flowering Annual Varieties. 2 ft.

1805 **Golden Yellow**.....¼ oz. 30c. .10

1810 **White**.....¼ oz. 30c. .10

1815 **Mixed.** All colors.....¼ oz. 25c. .10

1820 **Fringed Hybrids.** All colors.....¼ oz. 40c. .10

Celosia Thompsoni magnifica—*See page 36*

CHRYSANTHEMUM—Continued

Single-Flowering Annual Varieties, 2 ft.

No. Pkt.

1825 **atrococcineum.** Scarlet.....¼ oz. 25c. $0.10

1830 **Evening Star.** Large golden...¼ oz. 30c. .10

1835 **Morning Star.** Large primrose.¼ oz. 30c. .10

1840 **Northern Star.** Large white, yellow center, with dark disc.....¼ oz. 35c. .10

1845 **Mixed.** All colors.....Oz. 35c. .10

1850 **Grey's Special Mixture.** All colors in double, single and fringed.....¼ oz. 35c. .10

CHRYSANTHEMUM, Perennial Varieties. Of great value in the garden and conservatory, blooming from early Autumn to Dec.

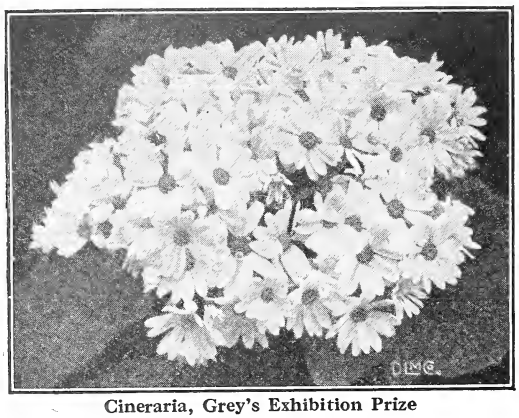
1855 **frutescens** (Paris Daisy). Single white, fine for Winter blooming. 1½ ft.¼ oz. 50c. .15

1860 **Chinese Early Single.** Large, single flowers, freely produced in a large range of colors and quite hardy..... .25

1865 **Japanese Early Double.** Large, double-flowering sorts in fine colors, blooming outside in the Autumn from early sown seed. .25

1870 **Shasta Daisy.** One of the best hardy white flowers for cutting; large, single flowers.... .25

1875 **Pompon-flowered.** The double, small-flowered, hardy sorts, fine colors..... .25



Cineraria, Grey's Exhibition Prize

No. Pkt.

CINERARIA. One of the most beautiful plants that can be grown for decorative purposes. Seed should not be sown too soon. Sown in June or July, plants large enough for all purposes can be had; the aim should be to secure as hard a growth as possible.

1880 **Grey's Exhibition Prize.** Acknowledged by our customers to be the finest strain grown; of compact branching habit, with exceptionally large flowers of the richest and brightest colors..... $0.75

1885 **grandiflora alba.** Large, pure white..... .50

1890 **atrosanguinea.** Large blood red..... .50

1895 **azurea.** Large, light blue..... .50

1900 **kermesina.** Large, bright crimson..... .50

1905 **Pink Shades.** Very fine..... .50

1910 **Dwarf Large-flowering Mixed.** Dwarf compact habit with immense trusses of large flowers in rich colors..... .75

1915 **stellata, Feltham Beauty.** A great improvement on the old Stellata variety; a beautiful mixture of many colors..... .50

1920 **stella grandiflora.** Large flowers, with twisted or fluted petals like the single Cactus Dahlia..... .50

1925 **maritima candidissima** (Dusty Miller). White foliage for borders....¼ oz. 25c. .10

CLARKIA. Very showy and profuse flowering hardy annuals of easy culture; very useful for cutting.

1930 **Double Brilliant.** Bright orange.¼ oz. 40c. .10

1935 **Orange King.** Orange scarlet.¼ oz. 50c. .10

1940 **Purple Prince.** Rich purple.¼ oz. 40c. .10

1945 **Queen Mary.** Rose carmine .¼ oz. 40c. .10

1950 **Salmon Queen.** Salmon pink.¼ oz. 35c. .10

1955 **Mixed.** Extra fine colors.....¼ oz. 15c. .10

1960 **Single Mixed.** All colors.....Oz. 40c. .10

CLEMATIS. Well known as valuable, hardy, profuse flowering, climbing perennials. Seed sown in coldframe or border will germinate freely the next Spring.

1965 **Jackman's New Hybrids.** Elegant large-flowered sorts, and when raised from seed afford a wide range of color..¼ oz. $1.00 .25

1970 **paniculata.** Vigorous grower and covered in the latter part of Summer with a cloud of star-like, fragrant white flowers..... ¼ oz. 35c. .10

No. Pkt.

1975 **CLEOME pungens** (Spider Flower). An attractive annual, rose.....¼ oz. 50c. $0.10

1976 **alba.** White.....⅛ oz. 35c. .15

1980 **CLIANTHUS Dampieri** (Glory Pea). A magnificent greenhouse annual, with large, brilliant, scarlet, Pea-shaped flowers having a black center..... .25

CLOVE PINKS. See **Dianthus.**

1985 **COBÆA scandens.** Popular half-hardy, climbing perennial of rapid growth, with large, purple, bell-shaped flowers; blooming first season from seed which should be planted edgewise. 20 ft..... ¼ oz. 30c., oz. $1.00 .10

1990 **scandens alba.** White flowered.....

1993 **Mixed Purple and White**..... ¼ oz. 30c., oz. $1.00 .10

2000 **COCCINEA indica.** Annual climber, with large, white flowers and scarlet fruit.... ¼ oz. 60c. .10

COCKSCOMB. See **Celosia.**

COLEUS. Ornamental foliage plants, easily grown from seed. Half-hardy perennial.

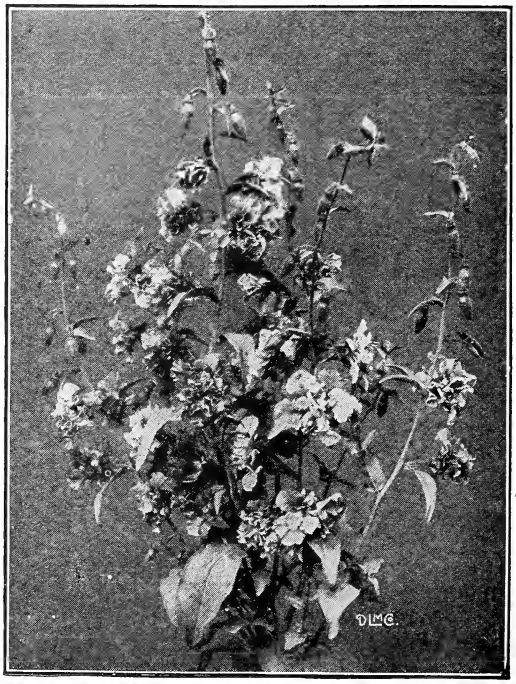
2005 **Mixed Hybrids.** From a large collection. .10

2010 **New Large-leaved Varieties.** Extra fine.. .25

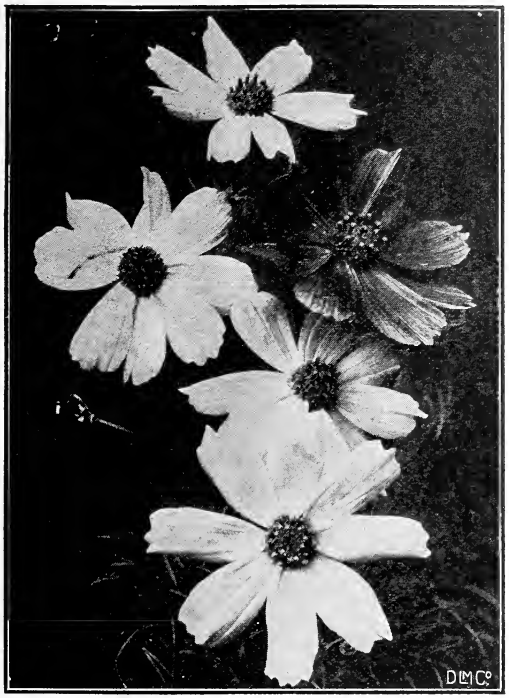
2015 **COLLINSIA, Mixed.** Free flowering, hardy annuals of deserved popularity, blooming from June to Oct., and suited to dry situations.....¼ oz. 20c. .10

COLUMBINE. See **Aquilegia.**

2020 **COMMELINA cœlestis.** Half-hardy, tuberous-rooted perennial, with sky-blue flowers; blooms first season. 1½ ft..... .15



Double Clarkia, Salmon Queen



Cosmos

No. Pkt.

2025 **CONVOLVULUS minor, Mixed.** Handsome, hardy annual, with large, richly colored flowers, producing a brilliant effect. 1 ft. Oz. 30c. $0.10

major. See **Ipomœa.**

COSMOS. One of the most beautiful and useful of the hardy annuals, producing through the season thousands of beautiful flowers. Seed should be sown in May in the open ground. The early varieties, will bloom from July till frost. 4 to 6 ft.

Double. Beautiful new strain, a large per cent. coming true. The singles from this are also very fine; somewhat resembling the Anemone. Late blooming.

2027 **Pink Beauty.** Rosy pink..... .15
2028 **White Queen.** Pure white..... .15
2030 **Extra Early, Mammoth Midsummer, Mixed.** The blossoms under ordinary field cultivation average 4 to 5 in. across, surpassing in size any of the late varieties. From seed sown in the open ground, the **White** blossoms in exactly 60 days, the **Pink** in 65 days and the **Crimson** in 70 days. .15
2035 **White.** 4 ft.....¼ oz. 60c., oz. $2.00 .10
2040 **Pink.** 4 ft.....¼ oz. 60c., oz. $2.00 .10
2045 **Crimson.** 4 ft.....¼ oz. 60c., oz. $2.00 .10

Mammoth. Late flowering. 5 ft.

2055 **Crimson**.....¼ oz. 25c., oz. 75c. .10
2060 **Lady Lenox.** Shell-pink.....¼ oz. 60c. .10
2065 **Lady Lenox.** White.....¼ oz. 75c. .10
2085 **CUPHEA platycentra** (Cigar Plant). Dwarf half-hardy perennial, with bright scarlet, tubular flowers, tipped with black; blooms freely from seed. Fine pot plant. 1 ft.. .25

No. Pkt.

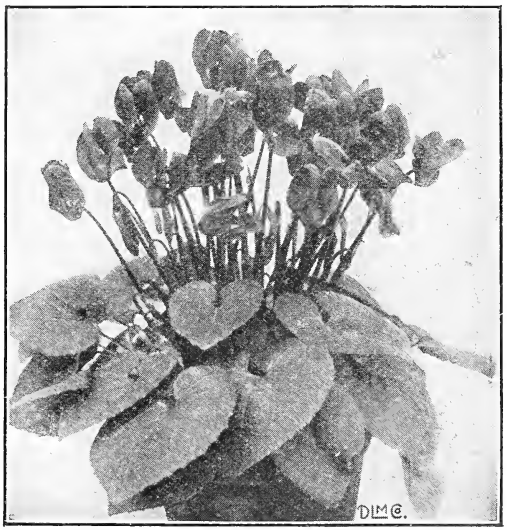
CYCLAMEN. The seed we offer is saved by a leading specialist from selected strains of the very best varieties, and cannot fail to produce flowers of the largest size, finest substance and most charming shades of color. July to August is the best time for sowing. Seedlings should be grown on without any check whatever, and when grown cool the results are more satisfactory.

2090 **Grey's Giant Crimson**..... $0.75
2095 **Grey's Giant Pink**..... .75
2100 **Grey's Giant Salmon King**..... .75
2105 **Grey's Giant White**..... .75
2110 **Giant Brilliant.** Rich dark crimson..... .75
2115 **Crimson King.** Brilliant crimson..... .75
2120 **Excelsior.** White, with purple base..... .75
2125 **Duke of Connaught.** Purplish crimson .75
2130 **Duke of Fife.** Dark rose..... .75
2135 **Mont Blanc.** Pure white..... .75
2140 **Mrs. L. M. Graves.** Nearly a true scarlet..... 1.00
2145 **Picturatum.** Pink with claret base.... .75
2150 **Princess Ida.** Bright pink..... .75
2155 **Princess May.** Pale pink..... .75
2160 **Prince of Wales.** Bright red..... .75
2165 **Queen Mary.** Salmon, claret base..... 1.00
2175 **St. George.** Flowers identical with our Salmon King, with the decorative foliage of the Rex Begonia..... 1.00
2180 **Grey's Giant Mixture.** All colors..... .75

For above-named Cyclamen, 100 seeds $2.50, 1000 seeds $18.00.

2185 **CYPERUS alternifolius** (Umbrella Plant). Numerous erect stems, supporting in an umbellate manner a quantity of glossy, long, narrow leaves; excellent for house or greenhouse. 1 ft..... .25
2190 **Papyrus** (Egyptian Paper Plant). Palm-like foliage; an aquatic or for pots. 5 ft.. .25

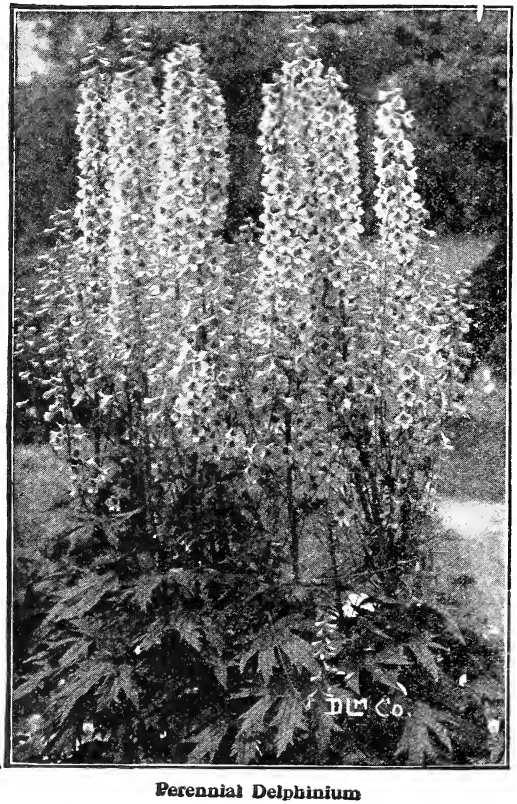
CYPRESS VINE. See **Ipomœa quamoclit.**



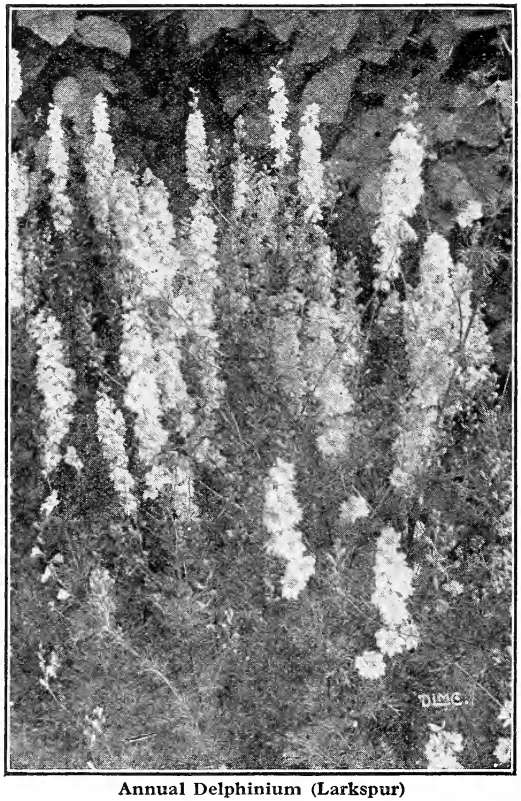
Cyclamen

No.		Pkt.
	DAHLIA. This popular flower can be easily raised from seed flowering the same season. Seed should be sown early in gentle heat. Half-hardy perennial. 4 to 6 ft.	
2195	**Cactus, Double Mixed.** Saved from a fine collection.....¼ oz. $1.25	$0.20
2200	**Pæony-flowered Giant.** Single and semi-double flowers of enormous size, resembling the Pæony.....¼ oz. $1.00	.15
2205	**Pompon, Double Mixed.** Small flowered.	.10
2210	**Show, Double Mixed.** Large flowered....	.10
2215	**Single Giant Perfection.** Surpassing all others in size and colors.....¼ oz. 50c.	.10
	DAISY. See **Bellis Perennis.**	
	DATURA (Trumpet Flower). Handsome, hardy annuals of very rapid growth, with large, trumpet-shaped flowers. 3 ft.	
2220	**arborea** (Brugmansia). Single, white, fragrant flowers often 12 in. long.....	.25
2225	**Cornucopia.** White, beautifully marbled with royal purple; fragrant....¼ oz. 40c.	.10
2230	**Golden Queen.** Fragrant, double, golden yellow.....¼ oz. 35c.	.10
2235	**White Queen.** Fragrant, double, white. ¼ oz. 35c.	.10
2240	**Double Mixed.** All sorts.....¼ oz. 35c.	.10

DELPHINIUM, Annual Varieties (Larkspur). Among the best of hardy annuals, lasting a long time in flower. The plants should be transplanted or thinned out to avoid overcrowding and to secure the branching habit.



Perennial Delphinium



Annual Delphinium (Larkspur)

No.		Pkt.
	Grey's Imperial. A superior branching strain. Double flowers; excellent for cutting. Offered in the following choice colors. 2 ft.	
2245	**Apple Blossom Pink**.....¼ oz. 30c.	$0.10
2250	**Brilliant Carmine**.....¼ oz. 50c.	.10
2255	**Bright Rose**.....¼ oz. 30c.	.10
2260	**Dark Blue**.....¼ oz. 30c.	.10
2265	**Light Blue**.....¼ oz. 30c.	.10
2270	**Newport Scarlet.** Beautiful..¼ oz. 60c.	.10
2275	**White**.....¼ oz. 30c.	.10
2280	**Mixed.** All finest colors.....¼ oz. 25c.	.10
2285	**Collection of 6 colors, separate**.....	.50
2290	**Giant Hyacinth-Flowered, Mixed.** Large spikes of double flowers. 2 ft..¼ oz. 15c.	.10
2295	**Rocket, Dwarf Mixed.** Fine double flowers. 1 ft.....¼ oz. 20c.	.10
2300	**Azure Fairy.** Clear, light blue. 15 in....	.25
2305	**Blue Butterfly.** Bright blue. 15 in..... ¼ oz. $1.00	.25

DELPHINIUM, Hardy Perennial Varieties. The great improvement effected in these splendid border perennials strongly recommends their culture from seed. They are of easy culture and produce splendid spikes of bloom through the Summer. When sown early they usually bloom in September. 1 to 5 ft.

2310	**Columbia Hybrids.** An exceptionally fine strain, selected from the best large-flowering varieties, with immense spikes..... ¼ oz. $1.50	.25

No. **DELPHINIUM, Perennial**—Continued Pkt.

2315 **Kelway's Show, Mixed.** Saved from their celebrated collection of Show varieties, which is undoubtedly the largest and finest collection of this popular perennial in existence..... 1/16 oz. $1.50 $0.50

2325 **Belladonna.** Clear turquoise blue; the ever blooming, hardy Larkspur; if sown early will bloom in late Summer and Autumn.....1/8 oz. $1.25 .25

2330 **cardinale.** Beautiful scarlet. 3 ft..... .20

2333 **Cashmerianum.** Very large, beautiful blue.....1/8 oz. $1.00 .25

2340 **Chinese** (Grandiflorum). Large, bright gentian blue. 1½ ft.....1/4 oz. 50c. .10

2345 **Chinese album.** Large, white..1/4 oz. 50c. .10

2347 **Chinese Reddish Lilac**.....1/4 oz. 50c. .10

2350 **Chinese Tom Thumb.** Clear, ultramarine blue. 9 in.....1/4 oz. 50c. .10

2355 **elatum** (Bee Larkspur). Rich blue, with darker centers. 4 ft.....1/4 oz. 60c. .10

2360 **formosum.** Dark blue, white eye. 2½ ft. 1/4 oz. $1.00 .10

2365 **formosum cœlestinum.** Light blue. 2½ ft.....1/8 oz. 75c. .25

2370 **Hybrids. Pale Blue Shades.** From newest large flowering dorts.....1/4 oz. $1.50 .15

2375 **Hybrids, Dark Blue Shades.** From newest large flowering sorts..... 1/4 oz. $1.25 .15

2380 **Zalil.** Beautiful yellow. 3 ft..... .25

DIANTHUS, or PINKS, Annual Varieties. These are really hardy biennials though treated as annuals, and bloom the first season from early Summer until frost. They are beautiful border plants and deserve a place in every garden.

DOUBLE-FLOWERING VARIETIES

2385 **chinensis Mixed.** Indian pink..1/4 oz. 30c. .10

2390 **diadematus, Mixed.** Diadem pink..... 1/4 oz. 60c. .10

2395 **Heddewigii, Mixed.** Japan pink..... 1/4 oz. 60c .10

2400 **laciniatus, Mixed.** Lace pink...1/4 oz. 60c. .10

2405 **latifolius, Mixed.** Large flowers, resembling the Sweet William in shades of rose, crimson and maroon.....1/4 oz. 60c. .10

2410 **nobilis, Mixed** (Royal Pink). Largest size and brightest colors.....1/4 oz. 50c. .10

2415 **Blood Red.** Deep color; extra....1/4 oz. 75c. .10

2420 **Mourning Pink.** Deep crimson, white edge.....1/4 oz. 60c. .10

2425 **Salmon Pink** (Salmon Queen)...1/4 oz. 75c. .10

2430 **White.** Very fine variety.....1/4 oz. 75c. .10

SINGLE-FLOWERING VARIETIES

2435 **Crimson Belle.** Dark red.....1/4 oz. 75c. .10

2440 **The Bride.** White, purple eye....1/4 oz. 60c. .10

2445 **Vesuvius.** Brilliant scarlet.....1/4 oz. 50c. .10

2450 **Mixed.** Finest colors and sorts...1/4 oz. 35c. .10

DIANTHUS Caryophyllus (Carnation Pink).

2455 **Riviera Market** (Giant of Nice). Superior class of perpetual flowered Carnations; saved from the finest and largest blooms. .50

2460 **Marguerite, Giant Mixed.** Improved and very large double flowered strain of this early flowering Carnation which blooms in four months from time of sowing, and is composed of the best colors.....1/8 oz. 85c. .10

2465 **Giant Scarlet**.....1/8 oz. $1.50 .15

2470 **Giant Yellow**.....1/8 oz. 1.50 .15

2475 **Giant White**.....1/8 oz. 1.50 .15

No. **DIANTHUS, Hardy Carnations.** Splendid, hardy border plants, with very fragrant flowers freely produced; a light Winter protection is beneficial. Pkt.

2480 **Double Mixed.** Extra quality..1/4 oz. $1.00 $0.10

2485 **Red shades**.....1/4 oz. 1.50 .15

2490 **Rose Shades**.....1/4 oz. 1.50 .15

2495 **White.** Very fine.....1/4 oz. 1.50 .15

2500 **DIANTHUS deltoides** (Maiden Pink). Beautiful, hardy sort for rockeries, sunken gardens, etc. The flowers are bright pink, small and in abundance from May to Aug. 6 in.....1/4 oz. $1.00 .15

2505 **deltoides alba.** White flowers.1/4 oz. 1.00 .15

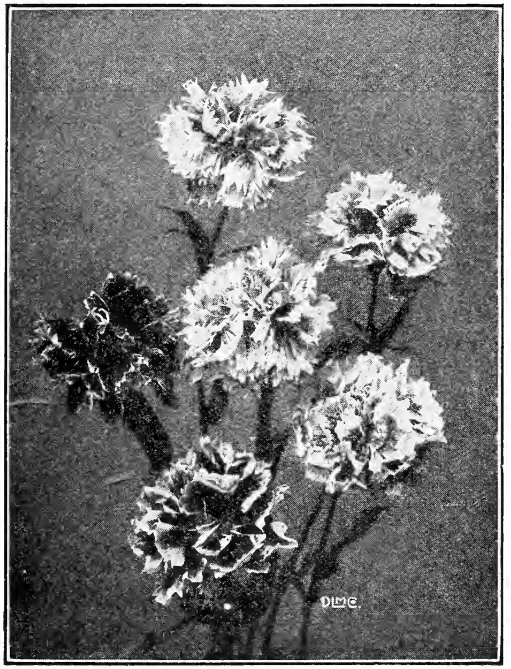
2508 **DIANTHUS** (Hardy Carnation) **Allwoodii.** A new race of hardy pinks, very free flowering and producing about 75 per cent. of double flowers. Mixed colors.. .50

plumarius (Hardy Garden, or Clove Pink). Very free flowering, with a strong clove fragrance; perfectly hardy. A little mulching in Winter is beneficial.

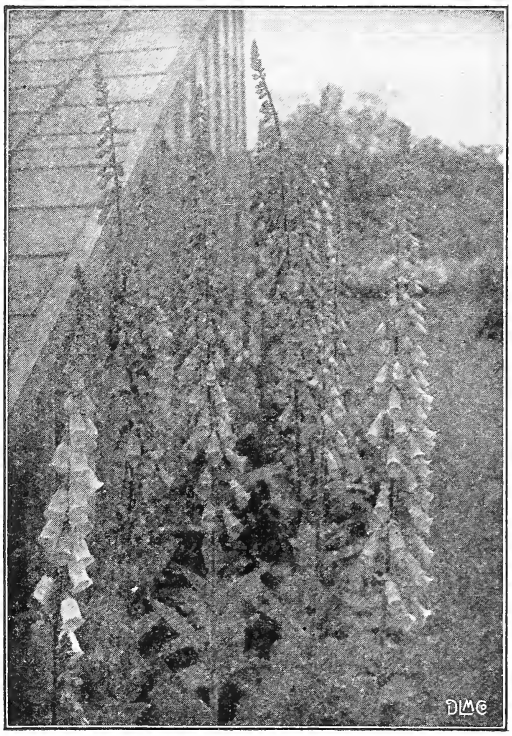
2520 **scoticus fl. pl. Perfection.** A prize strain of double Scotch or florist's Pinks in finest colors..... .50

2525 **Double Mixed.** Free blooming strain, with double and semi-double flowers of spicy odor; in finest colors.....1/4 oz. $1.50 .25

2530 **DICTAMNUS, Mixed** (Fraxinella). Very showy, hardy perennial about 2½ ft. high, having fragrant foliage and handsome spikes of white and crimson flowers..... 1/4 oz. 50c. .10



Double Annual Dianthus



Digitalis (Foxglove)

No. Pkt.

DIGITALIS (Foxglove). Hardy perennials of easy culture, valuable for shrubbery borders, woodland walks, partial shady places, and should be more extensively grown; blooms in June and July. 3 to 4 ft.

2535 **gloxiniæflora, Mixed.** Fine colors, spotted in the throat.....¼ oz. 40c. $0.10

2540 **grandiflora.** Light yellow; fine..¼ oz. 35c. .10

2545 **Ivery's Spotted.** An extra choice strain of beautifully spotted flowers.....¼ oz. 50c. .10

2550 **monstrosa, Mixed.** Beautiful colors, with one enormous flower at top of spike..... .10
¼ oz. 60c. .10

2555 **purpurea, Mixed** (Common Foxglove). All colors.....¼ oz. 40c. .10

2560 **Red**.....¼ oz. 50c. .10

2565 **Rose**.....¼ oz. 50c. .10

2570 **White**.....¼ oz. 40c. .10

2575 **DIMORPHOTHECA aurantiaca** (African Marguerite). Beautiful Transvaal annual, with a profusion of rich, orange gold flowers throughout the season. 15 in.....
¼ oz. 60c. .15

2580 **New Hybrids.** Rich colors.....¼ oz. 60c. .15

DOLICHOS (Hyacinth Bean). A beautiful, quick growing, annual climber; flowering freely in erect racemes all Summer; the seed pods are quite ornamental. 10 ft.

2585 **Darkness.** Rich purple-violet flowers and purple stems and seed pods.....Oz. 40c. .10

2590 **Daylight.** Snow white; excellent...Oz. 40c. .10

2595 **Lablab, Mixed.** Purple and white.....
Oz. 30c. .10

No. Pkt.

DRACÆNA. Decorative plants, with long, graceful foliage; valuable for vases and house decoration; tender perennials.

2600 **australis.** Dark green leaves, 2 to 4 in. wide.....¼ oz. 40c. $0.10

2605 **indivisa.** Narrow green foliage...¼ oz. 35c. .10

2610 **Ornamental Foliage Sorts.** Including the best and most brilliant colors..... .25

2615 **DRACOCEPHALUM argunense.** Fine, hardy perennial, with spikes of bright blue, Salvia-shaped flowers..... .10

2620 **ECHINACEA Helianthus** (Red Perennial Sunflower). Large, purplish red flowers freely produced through the whole Summer. 5 ft..... .15

2625 **purpurea.** Large purple, black disc. 3 ft. .15

2630 **ECHINOCYSTIS lobata** (Wild Cucumber). Rapid growing annual climbers, with ornamental seed pods and large seed. Soak the seed in warm water over night and plant the eye down. 20 ft.....Oz. 50c. .10

2635 **EDELWEISS** (Gnaphalium leontopodium). Charming Swiss Alpine plant, with lovely star-shaped, white everlasting flowers, so much prized by tourists for cutting; fine for rockwork or exposed positions..... .25

EREMURUS. Most attractive perennials, bearing in Summer massive spikes; they require rich soil.

2640 **himalaicus.** Creamy white. 6 to 8 ft..... .25

2645 **robustus.** Soft flesh pink. 8 ft..... .25

ERIGERON (Midsummer Daisy). Effective hardy perennial, with numerous large, Daisy-like flowers on stout many-branched stems; from May to Oct. 1½ ft.

2650 **aurantiacus hybridus.** Shades of orange and yellow..... .25

2655 **speciosus hybridus grandiflorus.** Large mauve color; excellent for cutting..... .15

2660 **ERYNGIUM amethystinum.** A handsome, hardy perennial, with beautiful foliage and flowers of a lovely blue. Can be dried for Winter. July, August. 3 ft...¼ oz. 75c. .15

2665 **ERYSIMUM, Golden Gem.** Golden yellow hardy biennial, like a miniature Wallflower, effective for Spring bedding. ¾ ft.
¼ oz. 75c. .10

ESCHSCHOLTZIA (California Poppy). Profuse flowering plants, with bright, showy flowers; excellent for bedding, massing or ribbon work. Hardy annual. June to Oct. 1 ft.

2670 **californica.** Yellow, orange center.Oz. 35c. .10

2675 **alba.** White.....Oz. 40c. .10

2680 **Carmine King.** Deepest carmine.....
¼ oz. 40c. .10

2685 **crocea.** Orange color.....Oz. 50c. .10

2690 **Dainty Queen.** Lovely, delicate pink..... .10

2693 **The Geisha.** (New). Fluted petals orange crimson.....¼ oz. 50c. .10

2695 **Mandarin.** Orange, shaded rose....Oz. 50c. .10

2700 **maritima, Golden West.** Giant orange and yellow.....Oz. 50c. .10

2705 **Rose Cardinal.** Beautiful rose...¼ oz. 35c. .10

2710 **Mixed.** All colors.....Oz. 40c. .10

EUPATORIUM. Free blooming, hardy perennials, largely grown for cut flowers, and deserve a place in every border. Blooms first season from seed. Aug. to Oct.

2715 **ageratoides.** Dense heads of small, white flowers. 4 ft.....¼ oz. 50c. .10

2720 **Fraseri.** Snow white. 2 ft.....⅛ oz. 50c. .10

No. Pkt.

2725 **EUPHORBIA heterophylla** (Mexican Fire Plant). The beautiful orange-scarlet bracts completely cover the plant almost the entire season. Annual. 2 to 3 ft..... ¼ oz. 35c. $0.10

2730 **variegata** (Snow-on-the-Mountain). Foliage striped and margined with white. Annual. 1½ to 2 ft.....Oz. 50c. .10

2735 **EXACUM affine.** Dwarf, showy, tender annual for pot culture, with clusters of fragrant lilac flowers. 1 ft..... .25

FERNS. A well-known, graceful and attractive class of plants, extensively grown for house decoration in Winter, and for shady positions and rockeries during Summer.

2740 **Greenhouse Varieties, Finest Mixed**.... .25

2745 **Hardy Varieties, Mixed.** Finest sorts for outdoor growing..... .25

2750 **Adiantum Cuneatum** (Maidenhair Fern). .25

FEVERFEW. See **Matricaria.**

FORGET-ME-NOT. See **Myosotis.**

FOUR O'CLOCK. See **Mirabilis.**

FOXGLOVE. See **Digitalis.**

2755 **FRANCOA Ramosa** (Bridal Wreath). The long sprays of pure white flowers are largely used for table decoration. An excellent decorative greenhouse plant. 2½ ft..... .25

2760 **FREESIA, New Hybrids Mixed.** Beautiful variety, with new colors and delicate shades, blooming in six to eight months after sowing..... .25

2765 **FUCHSIA, Double and Single Mixed.** The raising of Fuchsias from seed is interesting, there always being the possibility of securing something new and distinct; the seed offered is saved from a choice collection..... .50

GAILLARDIA (Blanket Flower). Beautifully showy annuals, giving a profusion of brilliant flowers during the Summer and Autumn. Fine for cutting. 2 ft.

2770 **Single, Finest Mixed.** All colors..Oz. 50c. .10

2775 **Double, Finest Mixed** (Lorenziana). A rich mixture.....¼ oz. 25c. .10

2780 **amblyodon.** Single, deep red...¼ oz. 20c. .10

GAILLARDIA grandiflora (Blanket Flower). One of the most brilliant of all hardy perennials, and constant bloomer from June till frost; excellent for cutting. 2 ft.

2785 **kermesina splendens.** Large, deep crimson, with golden margin.....¼ oz. 60c. .15

2790 **maxima.** Large, pure yellow...¼ oz. 40c. .10

2795 **superba.** Large, red and yellow.¼ oz. 40c. .10

2800 **Finest Hybrids.** Saved from the choicest named varieties.....¼ oz. 50c. .10

2805 **GAURA Lindheimeri.** Half-hardy annual of graceful habit, with numerous sprays of rosy white flowers throughout the Summer. Fine for vases. 2 ft.¼ oz. 25c. .10

2810 **GENISTA canariense** (Broom). Handsome half-hardy perennials for room decoration, with bright yellow flowers. 2 ft..... .15

2815 **Andreana.** Crimson and yellow; handsome. .15

2820 **GENTIANA acaulis** (Alpine Blue Gentian). Dwarf, early, Spring-flowering, Alpine perennial, with intense blue, bell-shaped flowers. 6 in.....¼ oz. .75 .15

2825 **lutea** (Giant Gentian). Bright yellow flowers in whorls on stems. 4 ft. high... .15

No. Pkt.

GERANIUM. Popular plants, easily raised from seed. Half-hardy perennial.

2830 **Apple-scented.** Fragrant foliage..... $0.25

2835 **Show Pelargoniums** (Lady Washington). Newest large-flowered Show varieties.... .50

2840 **Zonale, Finest Mixed.** Specially saved.. .15

2845 **Double, Finest Mixed.** Finest sorts.... .25

2850 **GERARDIA, New Hybrids.** Spikes of handsome, Foxglove-like flowers; very free-flowering perennials, blooming first season from seed and hardy in sheltered situations. July to September. 2 ft.⅛ oz. 25c. .10

2855 **GERBERA Jamesoni** (Transvaal Daisy). Beautiful Daisy of a brilliant orange-vermilion color, on long stems, blooming almost the whole year if given greenhouse protection during Winter..... .50

2860 **Jamesoni Hybrids.** New hybrids of the preceding which are more hardy and easily grown. The colors are rich and delicate, with a wonderful range from pure white through orange, salmon, rose, cerise, to ruby red and violet..... .50

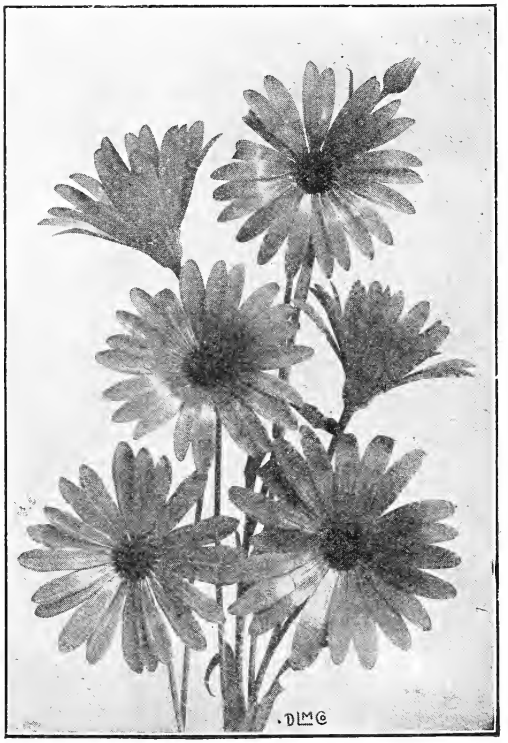
2865 **GESNERIA, Mixed Hybrids.** Greenhouse bulbous plants with beautiful marked velvety foliage and handsome spikes of brilliant-colored flowers..... .50

GEUM. Showy, hardy perennial of easy culture, and well adapted for the flower garden; fine for cutting. July to Oct. 2 ft.

2870 **atrosanguineum fl. pl.** Double, deep crimson.....¼ oz. 40c. .10

2875 **coccineum.** Bright scarlet....¼ oz. 30c. .10

2876 **Mrs. Bradshaw.** Double scarlet..... .25



Dimorphotheca—*See page 42*

No. Pkt.

2880 **GILIA, Finest Mixed.** Showy hardy annual, blooming from early in the season until frost. 1 ft.....¼ oz. 20c. $0.10

2885 **GLAUCUM flavum tricolor** (Horned Poppy). Free flowering, hardy annuals, with handsome silvery foliage and orange-scarlet and black flowers in July. 2 ft...¼ oz. 35c. .10

GLOBE AMARANTH (Gomphrena). Showy annual everlastings; the flowers resemble clover heads and when dried are used for Winter decoration; fine for bedding. 1½ ft.

2890 **Purple**.....¼ oz. 20c. .10
2895 **Orange**.....¼ oz. 20c. .10
2900 **White**.....¼ oz. 20c. .10
2905 **Mixed.** All colors.....¼ oz. 20c. .10

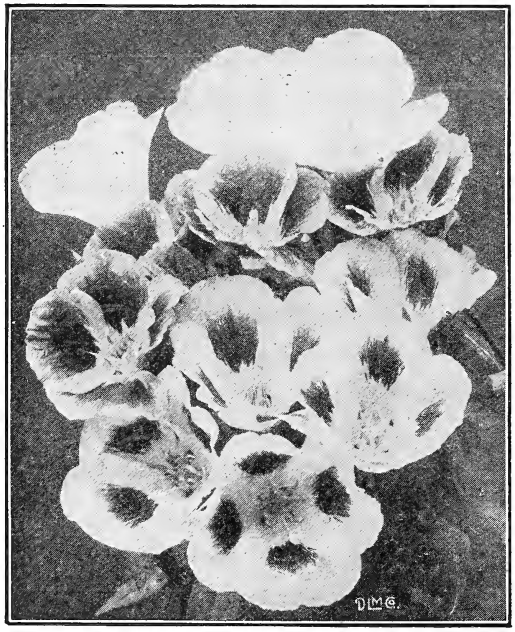
GLOXINIA. The seed offered has been selected from the finest erect flowering varieties, and will give blooms of finest quality. For a succession of flowers from seed, sowings should be made at intervals from January to May. A moist heat of from 65 to 70 degrees is best to start them in.

2910 **Grey's Invincible Prize.** This has the reputation of being the finest strain grown, very free flowering, with large, open flower in the greatest variety of colors..... .75

2915 **Giant Mixed.** A prize strain, with large flowers of richest colors..... .50

GODETIA (Satin Flower). Handsome, hardy annuals, blooming profusely from July to Oct. Large, wide open flowers of shining satiny texture, and of the most delicate and brilliant colors. 1½ ft.

2920 **Duchess of Albany.** Satiny white..... ¼ oz. 45c. .10
2925 **Double Rose.** Large, bright rose.¼ oz. 75c. .10
2930 **gloriosa.** Brilliant blood red.....¼ oz. 50c. .10
2935 **Lady Satin Rose.** Rich rose pink.¼ oz. 75c. .10
2940 **Mixed.** Beautiful colors.....¼ oz. 25c .10



Godetia

No. Pkt.

GOURDS, Ornamental. Quick growing vines, desirable for covering arbors, walls etc., and producing useful and ornamental fruit in great variety of shapes and colors. Tender annual. 15 to 20 ft.

2945 **Collection of 12 sorts**..... $1.00
2950 **Angora.** White spotted fruit.....Oz. 40c. .10
2955 **Apple Shape.** Striped fruit.....Oz. 40c. .10
2960 **Bottle Shape.** White and green..Oz. 40c. .10
2965 **Dipper Shape,** or **Calabash**.....Oz. 40c. .10
2970 **Dishcloth,** or **Sponge**.....Oz. 40c. .10
2975 **Egg Shape.** Useful as nest eggs....Oz. 40c. .10
2980 **Gooseberry.** Very small.....Oz. 60c. .10
2985 **Hercules' Club.** 4 ft. long.....Oz. 40c. .10
2990 **Orange Shape.** Mock orange....Oz. 40c. .10
2995 **Pear Shape.** Striped.....Oz. 40c. .10
3000 **Serpent Shape.** 4 to 5 ft. long...Oz. 40c. .10
3005 **Sugar Trough**.....Oz. 40c. .10
3010 **Mixed Sorts.** In great variety....Oz. 25c. .10

GRASS, Ornamental. See page 62.

3015 **GREVILLEA robusta** (Silk Oak). Beautiful evergreen, with fern-like foliage, magnificent for decorative purposes, and well adapted for house culture. Tender perennial.....¼ oz. 45c., oz. $1.50 .15

GYPSOPHILA (Baby's Breath). Extremely light and graceful hardy plants of easy growth, flowering from June to Sept. Useful for cutting to mix with other flowers.

3020 **elegans alba grandiflora.** Large, white, annual.....¼ oz. 15c., oz. 50c. .10
3025 **elegans rosea.** Rose pink, annual..Oz. 50c. .10
3030 **paniculata.** Pure white, hardy...¼ oz. 40c. .10
3035 **fl. pl.** Double white, hardy. This variety produces only about 60 per cent. of double flowering plants..... .25

HELENIUM. A most valuable hardy perennial, very striking and fine for cutting as it gives an enormous crop of flowers in the late Summer and Autumn. 5 ft.

3045 **autumnale superbum.** Golden; fine..... .25
3050 **Bigelowi.** Golden yellow, with black center. .15

3055 **HELIANTHEMUM mutabile.** Dwarf hardy perennial, with brilliant flowers of various colors; very profuse in bloom, and suited for dry soil and rockeries. June to Sept. 6 in.....¼ oz. 25c. .10

HELIANTHUS (Sunflower). Well-known hardy annuals, the small flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer.

3060 **Double Californian.** Deep yellow. 5 ft... Oz. 50c. .10
3065 **Double Chrysanthemum-flowered.** Orange yellow; fine for cutting. 5 ft....Oz. 50c. .10
3070 **Dwarf.** Deep yellow. 3 ft.....Oz. 50c. .10
3075 **globosus fistulosis.** Large, globe shaped, rich orange color. 7 ft.....Oz. 30c. .10
3080 **Single cucumerifolius** (Miniature Sunflower). Small, bright yellow, with black center. 4 ft.....Oz. 60c. .10
3090 **cucumerifolius stella.** Golden yellow. The largest miniature sort. 4 ft..Oz. 75c. .10
3095 **giganteus uniflorus.** One immense flower a foot or more across.....Oz. 25c. .10
4000 **Giant Russian.** Large. 6 ft...Oz. 20c. .10
4002 **Golden Fleece.** Small cactus flowers, golden yellow, dark center ..... .15
4005 **Sutton's Red.** Deep crimson, shading lighter toward the points which are yellow.....¼ oz. 45c. .15
4010 **Perennial Hybrids.** The flowers vary in shades, size and form.....¼ oz. $1.00 .15

No. Pkt.

4015 **HELICHRYSUM, Double Mixed.** Pretty annual, everlasting, blooming all Summer; fine in mixed borders and useful as dried flowers for Winter for which purpose they should be gathered before being fully open. 2 ft.....¼ oz. 35c., oz. $1.00 $0.10

4020 **HELIOPSIS Pitcheriana.** Showy, hardy perennial, with deep orange-yellow flowers all Summer; fine for cutting. 4 ft..... ¼ oz. 30c. .10

HELIOTROPE. A universal favorite on account of its delicious fragrance; excellent for cutting. Half-hardy perennial.

4025 **Grey's Giant Dwarf.** Splendid strain of low, compact growth, with immense umbels of fragrant rich colored flowers..... ⅛ oz. 75c. .25

4030 **Giant Hybrids.** Mammoth, sweet-scented flowers in great variety.....⅛ oz. 75c. .25

4035 **Mixed Dark Blue Shades**.....⅛ oz. 40c. .15

4040 **HELLEBORUS Mixed Hybrids** (Christmas Rose). Largely cultivated for their flowers in Midwinter, at which time they will bloom with only the protection of a cold frame. Hardy perennial. 1 ft..... .25

HESPERIS matronalis. (Sweet Rocket) Fragrant Spring flowering hardy perennial, growing freely in ordinary soils.

4045 **Dwarf Pure White.** Early. 1 ft..¼ oz. 50c. .10

4050 **Pure White.** 3 ft.....Oz. $1.00 .10

4055 **Purple.** 3 ft.....Oz. 1.00 .10

4060 **Mixed.** Purple and white.....Oz. 60c .10

4065 **HEUCHERA sanguinea splendens.** Extremely pretty, dwarf, hardy perennials, with small roundish leaves and numerous lovely panicles of bell-like flowers of a brilliant crimson, valuable for cutting. 1 ft... .25

HIBISCUS. A showy class of plants suitable for mixed beds or borders, with large and beautifully colored flowers. Free flowering. Hardy perennials, unless noted.

4070 **africanus.** Buff, with maroon center. Hardy annual. July to October. 2 ft.... ¼ oz. 15c. .10

4075 **Crimson Eye.** Large, pure white, crimson center. July to Sept. 4 ft.....¼ oz. 50c. .15

4080 **Moscheutos Rose.** Large, light rose. July to Oct. 4 ft.....¼ oz. 50c., oz. $1.50 .15

4085 **Moscheutos White.** Large, pure white. July to Oct. 4 ft.....¼ oz. 50c., oz. $1.50 .15

4087 **Moscheutos Hybrid.** Large flowering, mixed.....¼ oz. 50c., oz. $1.50 .15

HOLLYHOCK. One of the oldest garden favorites, and finest of our Autumn flowers. Seed sown in Feb. and potted on will bloom the same season, and July sown seed, the next season. They require a well drained, deep, rich soil. Hardy biennial.

4095 **Collection of the following 6 colors**..... .75

5000 **Double Superb, Mixed.** An improved strain.....¼ oz. $1.00, oz. $3.00 .15

5005 **Double Crimson**....¼ oz. 1.00, oz. 3.00 .15

5010 **Purple**.....¼ oz. 1.00, oz. 3.00 .15

5015 **Rose Pink**.....¼ oz. 1.00, oz. 3.00 .15

5020 **Royal Scarlet**.....¼ oz. 1.00, oz. 3.00 .15

5025 **Snow White**.....¼ oz. 1.00, oz. 3.00 .15

5030 **Yellow**.....¼ oz. 1.00, oz. 3.00 .15

5035 **Single Mixed**.....¼ oz. 50c. .15

5031 **Flesh Color**.....¼ oz. 75c. .15

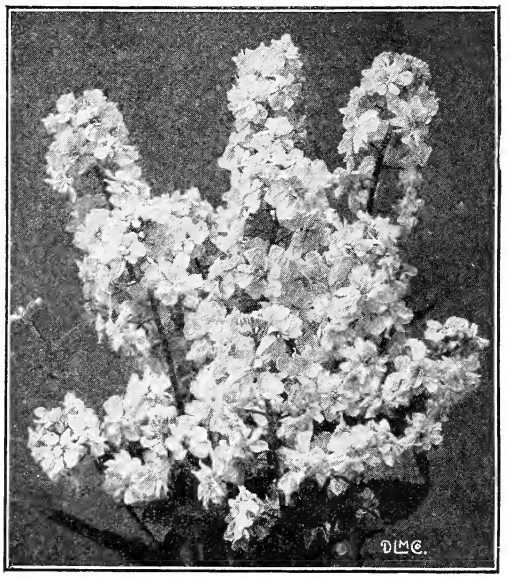
5032 **Pink**.....¼ oz. 75c. .15

5033 **Red**.....¼ oz. 75c. .15

5034 **Rose**.....¼ oz. 75c. .15

5036 **White**.....¼ oz. 75c. .15

5037 **Yellow**.....¼ oz. 75c. .15



Hesperis matronalis

No. **HOLLYHOCK**—Continued Pkt.

5040 **Allegheny.** Large fringed double and semi-double flowers of silky texture in various colors.....¼ oz. 40c., oz. $1.50 $0.10

EVERBLOOMING HYBRIDS (Annual). beautiful flowers in all colors and shades, blooming readily the first season.

5045 **Double Mixed**.....¼ oz. 60c. .10

5050 **Single Mixed**.....¼ oz. 40c. .10

5055 **HONESTY, Mixed** (Lunaria Biennis). Early and free flowering hardy biennial. The seed pods, which are flat and broad, look like transparent silver and are much prized for Winter decoration. 2 ft...¼ oz. 35c. .10

HUMULUS (Hop). The annual sorts are rapid growing climbers, with handsome foliage, which does not suffer from heat or the attacks of insects. The perennial sort produces the noted hop of commerce, and is a fine climber. 15 to 20 ft.

5060 **japonicus. Variegated foliage**..... ¼ oz. 20c. .10

5065 **variegatus.** Variegated foliage. ¼ oz. 25c. .10

5070 **lupulus.** Hardy perennial.....¼ oz. 40c. .10

5075 **HUNNEMANNIA fumaræifolia** (Giant yellow Tulip Poppy, or Bush Eschscholtzia). Perennial, with large, yellow, Poppy-like flowers throughout the season. Blooms in three months from seed. 2 ft..... ¼ oz. 30c. .10

IBERIS (Hardy Candytuft). Free flowering compact perennials, making a beautiful display early in the season; suitable for rockeries and borders; fine for cutting. 1 ft.

5080 **gibraltarica.** Very large flowers of a delicate lilac color.....¼ oz. $1.50 .15

5085 **sempervirens.** The evergreen Candytuft with glossy, deep green foliage and white flowers.....¼ oz. $1.50 .15

Annual Varieties. See **Candytuft.**

No. Pkt.

5090 **ICE PLANT.** Half-hardy annual with leaves and stems thickly covered with sparkling ice-like globules. Fine for vases and piazza boxes, also for garnishing. Flowers white. 6 in.....¼ oz. 20c. $0.10

IMPATIENS (Sultan's or Zanzibar Balsam). A very fine, tender perennial for pot culture in the house or greenhouse, and very useful for Summer bedding, as they are in bloom continually.

5095 **Holstii.** Large, brilliant vermilion. 1½ ft. .25

5100 **Holstii Hybrids.** Choice colors of these large-flowered new sorts. 1½ ft..... .25

5105 **Sultani.** Large, rich, bright rose. 1 ft.... .25

5110 **INCARVILLEA Delavayi.** Fine half-hardy tuberous-rooted perennial, with large bright, rose-colored, bell-shaped flowers in clusters. The tubers can be taken up and stored through the Winter. 2½ ft..... .25

5115 **INULA glandulosa grandiflora.** Very bold and handsome hardy perennial, with large orange-yellow flowers. 2 ft..... .25

IPOMŒA. Splendid rapid-growing climbers, with large, bright-colored flowers they are exceedingly pretty when grown among other climbers. Hardy annual. 15 ft.

5120 **purpurea, Finest Mixed** (Morning Glory, Convolvulus major). Fine colors..... Oz. 15c., ¼ lb. 40c. .10

5125 **purpurea, Double Mixed**.....Oz. 40c. .10

5130 **coccinea** (Star Ipomœa). Scarlet star-shaped flowers in profusion.....Oz. 40c. .10

5135 **Heavenly Blue.** Immense beautiful flowers of bright sky blue; seed should not be sown outside till ground is warm..... ¼ oz. 50c. .10

5140 **imperialis japonica** (Japanese Giant). Most beautiful strain, with immense flowers of finest colors and markings..Oz. 50c. .10

5145 **noctiflora hybrida** (Moonflower). Large, fragrant, white flowers.....Oz. $1.00 .10

5150 **setosa.** Enormous leaves and large, rose-colored flowers in clusters.....Oz. 75c. .10

quamoclit (Cypress Vine). Finely cut, fern-like foliage and masses of brilliant star-shaped flowers.

5155 **Bright Scarlet**.....Oz. 75c. .10

5160 **Pure White**.....Oz. 75c. .10

5165 **Mixed.** Scarlet, white and pink..Oz. 60c. .10

5170 **hybrida** (Cardinal Climber). Large, brilliant cardinal-red flowers in clusters, all Summer..... .25

5175 **IRIS, Mixed Varieties.** All sorts and colors of this beautiful Spring and Summer-blooming hardy perennial....¼ oz. 50c. .10

JACOB'S LADDER. See **Polemonium.**

JAPANESE IVY. See **Ampelopsis Veitchii.**

KENILWORTH IVY. See **Linaria Cymbalaria.**

5180 **KOCHIA trichophila** (Mock Cypress, or Belvedere). A pretty half-hardy annual, forming compact bushes about 2½ ft. high, with small, feathery, light green foliage which changes to a crimson hue in September. ¼ oz. 25c. .10

LANTANA. Most elegant and showy bedding plants of as easy culture as Verbena or Geranium; flowers freely produced in beautiful clusters, and constantly changing in hue.

5185 **New Dwarf Bedding Hybrids..** 1 ft.... .25

5190 **Tall Hybrids.** 2 ft.....¼ oz. 25c. .10

LARKSPUR. See **Delphinium.**

Lavatera trimestris

No. Pkt.

LATHYRUS latifolius (Perennial Pea). Handsome, free-flowering, hardy perennial climber of great beauty, with clusters of elegant, Sweet Pea-like flowers in great profusion; useful as a cut flower. 6 ft.

5195 **albus.** Pure white; very desirable..... ¼ oz. 35c. $0.10

5200 **Pink Beauty.** Bright rosy-pink.¼ oz. 40c. .10

5205 **splendens.** Rich crimson.....¼ oz. 35c. .10

5210 **Mixed.** All colors....¼ oz. 35c., oz. $1.00 .10

LAVATERA trimestris (Bar Harbor Marsh Mallow). Beautiful and effective, hardy annual, allied to the Mallows, covered during the entire Summer with its pretty and showy blossoms. 2½ ft.

5215 **Bright Rose Pink**.....¼ oz. 20c. .10

5220 **White**.....¼ oz. 20c. .10

5225 **LAVENDULA vera** (Sweet Lavender). Chiefly cultivated for the delicious and lasting fragrance of its flowers. Hardy perennial. July to September. 2 ft.....Oz. 75c. .10

5230 **LEPTOSYNE maritima.** Free flowering hardy annual, with large, single yellow Coreopsis-like flowers on long stems; fine for cut flowers. August to October. 2 ft. ¼ oz. 75c. .10

5235 **LIATRIS spicata** (Blazing Star). Desirable hardy perennial. The brilliant rosy-purple flowers are on long spikes, and freely produced. July to September. 2 ft..... .15

5240 **LINARIA alpina** (Alpine Snapdragon). Covered the whole Summer with deep violet flowers, having orange throats; hardy perennial. 1 ft..... .10

5245 **cymbalaria** (Kenilworth Ivy). Beautiful trailing plants for vases, baskets or rock work..... .15

No.			Pkt.
	LINUM. A valuable class of plants flowering for months and worthy of extended cultivation in masses or clumps in mixed borders. 1½ ft.		
5250	**grandiflorum rubrum.** Brilliant dark scarlet, profuse flowering annual...	Oz. 40c.	$0.10
5255	**Mixed Perennial Sorts.** Fine...	¼ oz. 35c.	.10
	LOBELIA. Most useful plants, free flowering and of easy culture. For bedding, edging, vases, etc., they are exceedingly fine. Treated as annuals, except the Cardinalis varieties, which are hardy perennials, and thrive best in rather moist places.		
5260	**cardinalis.** Brilliant scarlet; hardy. 3 ft....		.15
5265	**grandiflora.** Flowers double the size of the old sorts; hardy. 3 ft.....		.25
5270	**Crystal Palace compacta.** Extra select dark blue; fine for edgings.....	⅛ oz. $1.00	.10
5275	**gracilis.** Spreading habit, with bright blue flowers; suitable for vases, etc.....	¼ oz. 60c.	.10
5280	**heterophylla major.** Very large, brilliant sky blue, with white eye, one of the best, coming into flower early and continuing to frost.....	¼ oz. 75c.	.10
5285	**speciosa** (Crystal Palace). Spreading habit, with dark blue flowers.....	¼ oz. 75c.	.10
5290	**White Lady.** Compact, large flowered, pure white.....	¼ oz. 60c.	.10
5295	**Ramosa** (Erect growing). Rich blue, large flowered, distinct and striking. 9 in.....	⅛ oz. 50c.	.25
5300	**alba.** Large white.....	⅛ oz. 50c.	.25
5305	**Heavenly Blue.** Large, clear blue.....	⅛ oz. 50c.	.25
5310	**rosea.** Large, deep rose.....	⅛ oz. 50c.	.25
5315	**LOPHOSPERMUM scandens.** Beautiful half hardy climber, well suited for baskets and vases. Bright pink.....	⅛ oz. 50c.	.10
	LUPINUS (Lupins). Old fashioned and well-known annuals, very free growing, with long spikes of bright colored pea-shaped flowers, and useful in a cut state. 2½ to 3 ft.		
5320	**Cruickshanki.** Dark blue; fine....	Oz. 50c.	.10
5325	**Hartwegii albus.** White.....	Oz. 60c.	.10
5330	**cœlestinus.** Azure blue.....	Oz. 60c.	.10
5335	**nigrescens.** Clear, rich blue....	Oz. 60c.	.10
5340	**roseus.** Fine rose pink.....	Oz. 60c.	.10
5345	**mutabilis.** White, sweet scented...	Oz. 50c.	.10
5350	**roseus hybridus.** Bright rose pink.....	Oz. 60c.	.10
5355	**Mixed Annual Sorts.** All colors.....	Oz. 30c.	.10
	LUPINUS (Lupins). Perennial Varieties. Handsome hardy perennials, with immense spikes of pea-shaped flowers. 3 ft.		
5360	**Polyphyllus, Blue**.....	Oz. 75c.	.10
5363	**Lavender Queen**.....		.15
5365	**Moerheimi.** Rose and white....	Oz. $2.00	.15
5370	**roseus.** Pink shades.....	Oz. 1.50	.15
5375	**White**.....	Oz. 75c.	.10
5380	**Mixed**.....	Oz. 60c.	.10
5385	**Excelsior Mixed.** New shades...	Oz. $1.00	.15
	LYCHINS. Hardy perennials, with large terminal trusses of very showy flowers, excellent for massing. 1½ to 2 ft.		
5390	**Chalcedonica.** Brilliant scarlet..	¼ oz. 35c.	.10
5395	**alba.** White.....	¼ oz. 35c.	.10
5400	**viscaria splendens.** Deep red...	¼ oz. 40c.	.10
5405	**Haageana hybrida.** Large flowers in brilliant colors.....	¼ oz. 75c.	.15
5410	**LYTHRUM roseum superbum.** Vigorous perennial, with spikes of bright rose-colored flowers through Summer and Autumn. 3 ft.....		.15

No.			Pkt.
	MALOPE. Free blooming, hardy annuals, with large, handsome, Mallow-like flowers; suitable for mixed borders and fine for cutting. July to October. 3 ft.		
5415	**grandiflora alba.** White.....	Oz. 50c.	$0.10
5420	**grandiflora rosea.** Rose pink.....	Oz. 50c.	.10
	MALVA, or MALLOW. Free flowering, hardy perennials, highly decorative for borders, and excellent for cutting; sown early, will bloom first season.		
5425	**alcea.** Pink; blooms all Summer.....	¼ oz. 75c.	.15
5430	**moschata** (Muskmallow). Clusters of fragrant rose-colored flowers....	¼ oz. 35c.	.10
5435	**alba.** White, fragrant flowers. 2½ ft....	¼ oz. 35c.	.10
5440	**crispa** (Curled Mallow). Ornamental foliage, with curled and frilled edges. Annual. 4 ft.....	¼ oz. 35c.	.10
	MARIGOLD, Double African. Handsome hardy annuals, with rich and showy flowers throughout the season; making a gorgeous display in the Autumn. 3 ft.		
5445	**Grey's Selected Orange Prince**.....		.25
5450	**Grey's Selected Lemon Queen**.....		.25
	Above two sorts specially grown for us by a Scotch specialist and are without an equal.		
5455	**Collection of 6 varieties, separate**.....		.50
5460	**Lemon.** Extra.....	¼ oz. 30c.	.10
5465	**Orange.** Extra.....	¼ oz. 30c.	.10
5470	**Pride of the Garden.** Deep yellow quilled. 1½ ft.....	¼ oz. 30c.	.10
5475	**El Dorado Mixture.** Finest large flowered sorts.....	¼ oz. 40c.	.10
5480	**Dwarf Mixed.** 1½ ft.....	¼ oz. 40c.	.10

Perennial Lupin

No. Pkt.

MARIGOLD, French. These are the small velvety flowered sorts.

5485 **Collection of 6 varieties, separate**..... $0.50

5490 **Dwarf Gold Striped.** Double 1 ft..... ¼ oz. 35c. .10

5495 **pulchra.** Very dwarf, double striped, for edgings. 6 in.....¼ oz. 35c. .10

5500 **Double Mixed.** 1 ft.....¼ oz. 35c. .10

5505 **Scotch Prize.** Special Scotch strain, from double striped prize flowers only. 2½ ft. ¼ oz. $2.50 .25

5510 **Tall Double Mixed.** 2½ ft.....¼ oz. 30c. .10

5515 **Legion of Honor** (Little Brownie). Single golden yellow, with a large spot of crimson velvet. 1 ft.....¼ oz. 35c. .10

5520 **signata pumila** (Tagetes). Single orange yellow. 1 ft.....¼ oz. 30c. .10

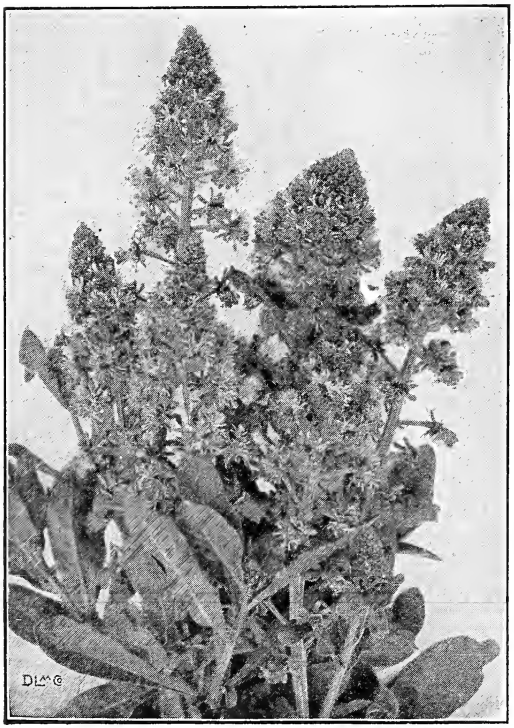
5525 **MATHIOLA bicornis** (Night-scented Stock). Recommended for the delightful fragrance given forth toward evening; hardy annual, with purplish red flowers. 1 ft...¼ oz. 25c. .10

MATRICARIA (Feverfew). Free flowering annuals, useful for groups, borders and pot culture; also fine for cut flowers. 1½ ft.

5530 **Double White** (Grandiflora).....⅛ oz. 30c. .10

5535 **Double Yellow** (Golden Ball). Quilled petals.....⅛ oz. 75c. .20

5540 **MAURANDYA, Finest Mixed.** Elegant twining plants, with purple, rose and white flowers. Splendid for hanging-baskets, window-boxes, etc. They bloom early from seed the first season. Half-hardy perennial.....⅛ oz. 75c. .10



Mignonette Defiance

No. Pkt.

MESEMBRYANTHEMUM. Dwarf growing annuals of great beauty; excellent for rockeries, edgings, vases, etc., producing their bright, star-like flowers the whole Summer. In poor soils, with full exposure to the sun, they attain their greatest perfection. 6 in.

5545 **tricolor Mixed.** Bright rose, white and purple.....¼ oz. 35c. $0.10

5550 **cordifolium variegatum.** Handsome, variegated foliage and bright rose colored flowers..... .25

crystallinum. See **Ice Plant.**

MIGNONETTE (Reseda). The most popular and favorite annual for garden and house culture, producing quantities of deliciously fragrant spikes of flowers. If the plants are thinned out to 6 in. apart, and the tops pinched off when about 2 in. high, stronger plants, with larger spikes of flowers, will be obtained.

5555 **Improved Eclipse.** The immense, fragrant spikes of flowers 10 to 15 in. long, are produced in the greatest profusion, and is superior to all others for Winter blooming, exhibition or cutting. The seed is all grown under glass from a reselected strain especially for us, and we recommend this as the largest and best..... 1/16 oz. $1.50 .25

5560 **Defiance.** Very fragrant, large spikes, with individual florets of immense size..... ¼ oz. 30c., oz. $1.00 .10

5565 **Giant Pyramidal.** Large, fragrant spikes of reddish flowers.....¼ oz. 25c., oz. 75c. .10

5570 **Machet Improved.** Dense spikes of very fragrant dark red flowers; fine for pot culture.....¼ oz. 40c., oz. $1.25 .10

5575 **Machet, Golden.** Long, massive spikes with fragrant, golden-yellow flowers..... ¼ oz. 25c., oz. 75c. .10

5580 **Machet, White Pearl.** Long spikes of fragrant white flowers.....¼ oz. 50c. .10

5585 **Miles Spiral.** Long, fragrant spikes..... ¼ oz. 20c., oz. 50c. .10

5590 **odorata.** The old-fashioned common sweet-scented sort.....Oz. 25c., ¼ lb. 75c. .10

5595 **MIMOSA pudica** (Sensitive Plant). A tender annual of light and elegant growth, the leaflets of which fold up when touched; the pale, purplish flowers are produced at the axils of the leaves. 2 ft.....¼ oz. 30c. .10

MIMULUS. Showy half-hardy annuals, with handsome flowers; excellent for pots or garden.

5600 **cardinalis grandiflorus.** Large, bright scarlet. 2 ft..... .15

5605 **tigrinus grandiflorus.** Large flowered, tigered and spotted varieties. 1½ ft..... .15

5610 **Musk** (Moschatus). Well known, popular plant, with fragrant yellow flowers and foliage.....⅛ oz. 75c. .15

5615 **MINA lobata.** A rapid growing annual climber, bearing profusely racemes of orange-red flowers; prefers a warm situation.....¼ oz. 50c. .15

MIRABILIS (Marvel of Peru, or Four O'Clock). Well known annuals, with most brilliant flowers of various colors, suitable for beds or borders. 2 ft.

5620 **Mixed.** Brilliant colors.....Oz. 25c. .10

5625 **Variegated Foliage, Mixed.** All colors, with green and white leaves.....Oz. 25c. .10

No. Pkt.

MOMORDICA. Ornamental, climbing annual, with handsome fruit, which when ripe bursts open, exposing its bright red seeds and carmine interior.

5630 **balsamina** (Balsam Apple). Apple-shaped fruit. 10 ft. ..... Oz. 75c. $0.10

5635 **charantia** (Balsam Pear). Pear-shaped fruit. 10 ft. ..... Oz. 75c. .10

MOONFLOWER. See **Ipomœa.**

MORNING GLORY. See **Ipomœa purpurea.**

MOURNING BRIDE. See **Scabiosa.**

MOUNTAIN FRINGE. See **Adlumia.**

5640 **MUSA ensete** (Abyssinian Banana). A splendid, large leaved, palm-like plant, suitable for open air in Summer, and producing a striking effect; seedlings attain a very large size the first season; tender perennial. 100 seeds $2.50 .25

MUSK PLANT. See **Mimulus.**

MYOSOTIS (Forget-Me-Not). These beautiful half-hardy perennials bloom the first season and succeed best in moist, shady situations. If sown in frames in July or August fine plants may be had for Spring blooming. Fine for edging or in beds with Pansies, Daisies, etc.

5645 **alpestris grandiflora.** Large, bright blue clusters ..... ¼ oz. 40c. .10

5650 **indigo,** or **Royal Blue.** Rich .. ¼ oz. 50c. .10

5655 **Victoria.** Rich, bright blue, of dwarf globular habit ..... ¼ oz. $1.25 .10

5660 **Victoria rosea.** Fine pink .... ¼ oz. 1.50 .10

5665 **dissitiflora.** Rich blue, the earliest to flower and quite distinct ..... ¼ oz. $1.50 .25

5670 **Perfection.** The large and very showy bright blue flowers on long stalks last a long time, and are most suitable for table decoration at Christmas. Sow in June for Winter blooming. The finest of all .. ¼ oz. $1.50 .20

5675 **palustris semperflorens** (True Forget-Me-Not). Large, azure blue flowers from Spring until Autumn ..... ¼ oz. $1.50 .15

5680 **Ruth Fischer.** Azure blue. The largest flowered variety ..... .25

5685 **stricta grandiflora.** Upright pillar-like habit; bright blue; very striking ..... ¼ oz. 50c. .10

5690 **Special Mixture.** All colors .... ¼ oz. 50c. .10

NASTURTIUM, Dwarf or Tom Thumb varieties. Splendid for marginal lines to borders and indispensable Summer bedding plants. They succeed best and flower better in poor soil and remain longer in bloom than perhaps any other annual. 1 ft.

Oz. 25c., ¼ lb. 75c., lb. $2.25, unless priced.

5695 **Collection of 12 colors.** Our selection 1.00

5700 **Columbia Mixture.** Our own mixture which we make up from separate and distinct sorts; is without an equal ..... .10

5705 **Aurora.** Primrose, striped with carmine .. .10

5710 **Bronze.** Bronzy orange ..... .10

5715 **Beauty.** Light scarlet ..... .10

5720 **Chameleon.** Straw color, flaked and veined red ..... .10

5725 **cœrulea rosea.** Rose, blue tinge ..... .10

5730 **Crystal Palace Gem.** Buff, spotted ..... .10

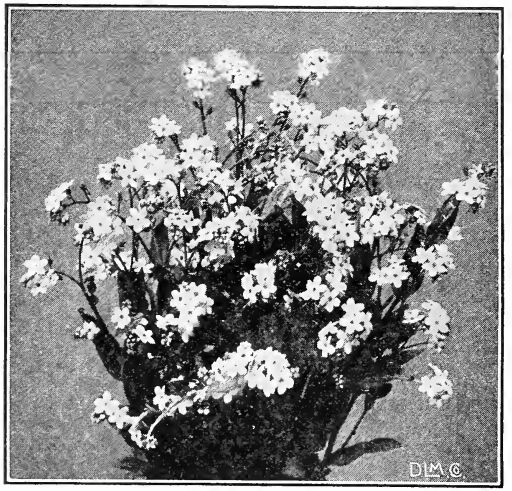
5735 **Dark Crimson.** Fine, deep color ..... .10

5740 **Empress of India.** Deep, brilliant crimson, dark foliage ..... .10

5745 **Golden King.** Rich, golden yellow ..... .10

5750 **King Theodore.** Maroon, dark foliage .... .10

5755 **King of Tom Thumb.** Rich scarlet, dark foliage ..... .10



Myosotis (Forget-Me-Not)

No. **NASTURTIUM, Dwarf**—Continued Pkt.

5760 **Lady Bird.** Yellow, barred with ruby $0.10

5765 **Pearl.** Pearly white ..... .10

5770 **Prince Henry.** Yellow, scarlet spots ..... .10

5775 **Rose.** Soft carmine rose ..... .10

5780 **Ruby King.** Rich ruby red, dark foliage .... .10

5785 **Scarlet** Very brilliant ..... .10

5790 **Spotted King** Yellow, spotted maroon, dark foliage ..... .10

5795 **Vesuvius.** Brilliant salmon pink, dark foliage ..... .10

5800 **Ivy-leaved, Mixed.** Ivy-like foliage and attractive fringed flowers ..... Oz. 25c., ¼ lb. 75c. .10

5805 **Variegated-leaved, Mixed.** Beautifully variegated foliage ..... Oz. 25c., ¼ lb. 75c. .10

5810 **NASTURTIUM Lilliput, Finest Mixed.** A distinct and fine flowering class, with its small, compact bushes and immense numbers of small blooms displayed well above the foliage ..... Oz. 25c. .10

NASTURTIUM, Tall or Running Varieties. These are the large, free flowering climbers for verandas, trellises and covering unsightly places. Seed pods picked when green and tender are used for pickling.

Oz. 25c., ¼ lb. 75c., lb. $2.25, unless priced.

5815 **Collection of 12 colors.** Our selection 1.00

5820 **Columbia Mixture.** Our own mixture, which we make up from separate and distinct sorts is without an equal ..... .10

5821 **Black Prince** ..... .10

5825 **Bright Rose** ..... .10

5830 **Chameleon.** Varying in color ..... .10

5835 **Coccineum.** Bright scarlet ..... .10

5840 **Dark Crimson** ..... .10

5845 **Dunnett's Orange.** Orange red ..... .10

5850 **Edward Otto.** Brownish lilac ..... .10

5855 **Fashion.** Pure ecru, veined with old rose .. .10

5860 **Heinemanni.** Chocolate color ..... .10

5865 **King Theodore.** Very deep maroon ..... .10

5870 **Luteum.** Fine yellow ..... .10

5875 **Moonlight.** Giant pale straw ..... .10

5880 **Pearl.** Almost white ..... .10

5885 **Regelianum.** Violet ruby ..... .10

5890 **Scheuerianum.** Straw color, spotted ..... .10

5895 **Sunlight.** Giant, rich golden ..... .10

5900 **Twilight.** Light salmon, suffused with rosy salmon ..... .10

No. **NASTURTIUMS, Tall**—Continued Pkt.

5905 **Vesuvius.** Rich apricot, dark foliage..... $0.10

5910 **Von Moltke.** Dark rose..... .10

5915 **Ivy-leaved. Mixed.** Ivy-like foliage and fringed flowers in variety..... Oz. 25c., ¼ lb. 75c. .10

5920 **Variegated-leaved, Mixed.** An exceedingly fine acquisition..... Oz. 25c., ¼ lb. 75c. .10

NASTURTIUM, Lobbianum Varieties. These differ from the tall Nasturtiums, in being more free flowering, richer and brighter in color, and with darker foliage, and are superior for house or conservatory, also vases, baskets, etc. Are a mass of color from early Summer until frost.

5925 **Asa Gray.** Almost white.....Oz. 25c. .10

5930 **Black Prince.** Velvety black.....Oz. 35c. .10

5935 **Brilliant.** Dazzling scarlet.....Oz. 25c. .10

5940 **Cardinal.** Dark cardinal red.....Oz. 25c. .10

5945 **Crown Prince.** Deep blood red...Oz. 25c. .10

5950 **Golden Queen.** Clear golden.....Oz. 25c. .10

5955 **Margaret.** Straw, crimson spot...Oz. 25c. .10

5960 **Mercier, Lacombe.** Purplish violet..... Oz. 25c. .10

5965 **Napoleon III.** Golden, brown spot..... Oz. 25c. .10

5970 **Primrose.** Cream, brown spots....Oz. 25c. .10

5975 **Regina.** Beautiful salmon.....Oz. 25c. .10

5980 **Rudolf Virchow.** Ruby rose.....Oz. 25c. .10

5985 **Spitfire.** Bright scarlet; splendid...Oz. 25c. .10

5990 **Mixed.** All colors.....Oz. 25c., ¼ lb. 75c .10

5995 **Madam Gunther Hybrids.** Dark foliage hybrids.....Oz. 25c. .10

6000 **NEMESIA Suttoni.** A most valuable, long-blooming annual..... .25

6001 **Blue Gem**..... .25

6002 **Fire King**..... .25

6003 **Orange Prince**..... .25

6004 **White Gem**..... .25

Nigella, Miss Jekyll

No. **NEMOPHILA.** Splendid, showy, hardy annual for beds or edgings, blooming all Summer; also beautiful decorative plants in pots for Spring flowering in house or conservatory. 1 ft. Pkt.

6005 **insignis.** Bright blue, white center..... ¼ oz. 20c. $0.10

6010 **Mixed.** All shades.....¼ oz. 20c. .10

NICOTIANA. Very effective annuals; in bloom throughout the season, and produce their fragrant, tubular-shaped flowers in great profusion; excellent for cutting.

6015 **affinis.** White; fragrant. 3 ft....¼ oz. 35c. .10

6020 **Choice Hybrids.** A great variety of bright colors; fragrant.....¼ oz. 60c. .10

6025 **colossea.** Giant foliage plant of a dark glossy green, with reddish ribs. 5 to 6 ft.. .25

6030 **Sanderæ.** Brilliant carmine red...¼ oz. 35c. .10

6035 **sylvestris.** Pure white. 4 ft.....¼ oz. 35c. .10

NIEREMBERGIA. Graceful, half-hardy perennials of slender growth, blooming profusely the whole Summer; fine for vases, baskets, etc.

6040 **frutescens.** White and blue..... .10

6045 **gracilis.** White and purple..... .10

NIGELLA (Love-in-a-Mist). Interesting and free flowering half-hardy annuals, with elegant cut foliage and curious flowers, of easy culture and last a long time in perfection. 1½ ft.

6050 **Miss Jekyll.** Beautiful long-stemmed variety, bright Cornflower blue...¼ oz. 30c. .10

6055 **Mixed.** Shades of blue and white....Oz. 25c. .10

6060 **NYCTERINIA, Finest Mixed.** Large heads of sweet-scented, star-shaped flowers, produced throughout the whole season; hardy annual.....¼ oz. 50c. .10

ŒNOTHERA (Evening Primrose). A magnificent class of hardy plants, with large, showy blossoms, preferring a light, sandy soil and warm, sunny situations; July to October. 2 to 3 ft.

6065 **Fraseri.** Large, deep yellow; fine..... ¼ oz. $1.25 .10

6070 **Lamarckiana.** Extra large yellow..... ¼ oz. 35c. .10

6075 **speciosa rosea.** Fine rose color...⅛ oz. 75c. .25

6080 **Youngi.** Large, bright yellow...¼ oz. $1.00 .15

6085 **Annual Varieties, Mixed**.....¼ oz. 15c. .10

6090 **OXALIS tropæloides.** Fast growing, hardy annual, with dark bronze foliage and deep yellow flowers, best suited to edgings, rockwork, vases, etc. 6 in.....¼ oz. 50c. .10

PANSY. Too much importance cannot be attached to the culture of these beautiful plants. For early Spring blooming the seed should be sown in July or August and the plants protected during Winter. Early Spring sown seed will give fine blooms during Summer and Fall. A good, cool, rich soil is essential. Rotted cow manure is the best fertilizer for them, and one cannot use too much of it. No fertilizer of a heating nature should be used; give plenty of water through dry weather. You cannot grow good Pansies under trees.

6095 **Grey's Prize Exhibition Strain.** This splendid mixture represents the highest perfection of large flowering, new high-colored sorts; their brilliancy and richness are most striking..⅛ oz. $2.50, ¼ oz. $4.00 .50

6100 **Grey's Special Mixture.** A grand mixture of the finest varieties, and one of the richest ever sent out; very striking and recommended for market growing..... ¼ oz. $2.00, oz. $7.00 .25

No. **PANSY**—Continued Pkt.

6105 **Bugnot's Superb Blotched.** Very beautiful class of large flowers with broad blotches. Many of the upper petals are finely lined or veined; great diversity of the handsomest and rarest colors..... ¼ oz. $2.00 $0.25

6110 **Cassier's Giant Odier.** A strain of great excellence, producing very large, rich and showy flowers.....¼ oz. $2.00 .25

6115 **colossea venosa.** Giant, round flowers in light, veined shades.....⅛ oz. $2.00 .50

6120 **English Show.** Selected compact strain of the finest large flowering sorts in splendid colors.....¼ oz. $2.50 .25

6125 **Giant Trimardeau.** Very showy and vigorous class; flowers of fine colors and enormous size.....¼ oz. $1.25, oz. $4.00 .15

6130 **Large Stained Parisian.** Splendid mixture of very large flowers, in which white and yellow shades, with clearly defined eye, predominate.....¼ oz. $1.25 .15

6135 **Masterpiece.** Frilled edged, giant flowers of the richest colors.....¼ oz. $2.00 .25

6140 **Matchless.** English exhibition strain of immense size and substance in matchless variety of exquisite shades and art colors.....⅛ oz. $3.00 .50

6145 **Non Plus Ultra.** Large size and finest colors.....¼ oz. $1.75, oz. $6.00 .25

6150 **Superior Quality Mixed** (Butterfly). A splendid strain.....¼ oz. 75c., oz. $2.50 .10

PANSY, Giant, in Separate Colors.

6155 **Collection of 6 Colors.** Our selection..... 1.20

6160 **Adonis.** Light blue; beautiful...¼ oz. $1.25 .25

6165 **Atropurpurea.** Dark blue.....¼ oz. $1.25 .25

6170 **Brown Shades.** With black eye.¼ oz.$1 .25 .25

6175 **Cornflower, Blue.** One of the finest dark blues.....¼ oz. $1.25 .25

6180 **Fire King.** Crimson, yellow edge..... ¼ oz. $1.25 .25

6185 **Golden Queen.** Pure yellow...¼ oz. $1.25 .25

6190 **Golden Yellow.** Dark eye....¼ oz. $1.25 .25

6195 **Hortensia Red.** Beautiful, soft pink.... ¼ oz. $1.25 .25

6200 **King of the Blacks.** Velvety...¼ oz. $1.25 .25

6205 **Lord Beaconsfield.** Violet, top petals shading off to white.....¼ oz. $1.25 .25

6210 **Mme. Perret.** Mostly rose, ruby and crimson shades on white ground....¼ oz. $1.50 .25

6215 **Peacock.** Peacock blue, white edge..... ¼ oz. $1.25 .25

6220 **Psyche.** Velvety violet, bordered with white; waved petals.....¼ oz. $1.50 .25

6225 **Ruby King.** Extensive range of color from orange scarlet to pink.....¼ oz. $1.50 .25

6230 **Silver-Edged.** Purple, white edge..... ¼ oz. $1.25 .25

6235 **Snow Queen.** Pure white.....¼ oz. $1.25 .25

6240 **Striped.** Extra fine.....¼ oz. $1.25 .25

6245 **Violet.** Fine violet blue.....¼ oz. $1.25 .25

6250 **Vulcan.** Brilliant, dark red, with five large, black spots; frilled edges.....¼ oz. $2.50 .25

6255 **White.** Pure white, violet eye..¼ oz. $1.25 .25

TUFTED PANSIES. See **Viola Cornuta.**

No. Pkt.

6260 **PASSIFLORA cœrulea** (Passion Flower). Fast growing and free flowering, ornamental perennial climbers, with large, showy blue flowers, suitable for conservatory or outside in Summer.....¼ oz. 75c. $0.15

PELARGONIUM. See **Geranium.**

PENTSTEMON. Valuable class of perennials, but are best treated as annuals. Seed sown in February or March will make a fine display the same season. The beautiful tubular, Gloxinia-like flowers are freely produced in almost every shade and color. 2 to 3 ft.

6265 **Giant Flowering Hybrids.** Superb strain saved from the finest large flowered sorts, including many new and rich colors..... 1/16 oz. $1.00 .25

6270 **atropurpurea.** Dark red, with white throat.....¼ oz. 75c. .10

6275 **Digitalis.** Pure white, with violet spotted throat.....¼ oz. 75c. .10

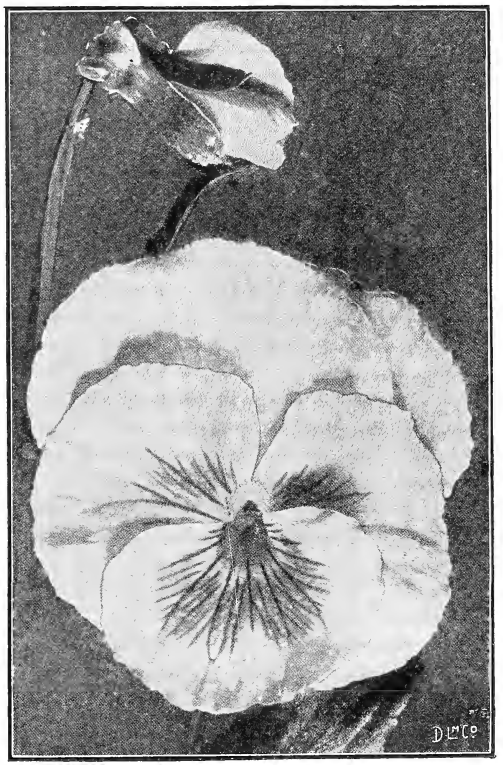
6280 **Hartwegii albus.** Numerous spikes of large, pure white flowers ..... .25

6285 **Murrayanus grandiflorus.** Large, bright scarlet.....⅛ oz. 75c. .25

6290 **speciosus.** Extra deep blue.....⅛ oz. 50c. .10

PERENNIAL PEA. See **Lathyrus.**

6295 **PERILLA atropurpurea laciniata.** Dark bronzy purple fringed foliage; very ornamental hardy annual. 2 ft....¼ oz. 20c. .10



Giant Pansy

No. Pkt.

PETUNIA. An exceedingly attractive and favorite hardy annual for both indoor and outdoor cultivation; when not in too rich soil they will flower most profusely through the Summer. For borders, vases and baskets as well as for pot culture, they are strongly recommended. 1 to 1½ ft.

6300 **Dwarf Rose.** Fine, bright color. 6 in.... ¼ oz. $1.00 $0.15

6305 **Dwarf Striped.** Beautiful. 6 in..... ¼ oz. $1.25 .15

6310 **Dwarf Pure White.** Satiny white..... ¼ oz. $1.00 .15

6315 **Howard's Star.** Rich, dark crimson, with five-pointed, white star.....¼ oz. $1.25 .15

6325 **Rosy Morn.** Lovely, bright pink..... ¼ oz. $1.25 .15

6327 **Violet Blue**..... .35

6330 **White.** Pure white; free bloomer..... ¼ oz. 60c. .10

6335 **Striped and Blotched.** Excellent strain with flowers beautifully striped and blotched.....¼ oz. 50c., oz. $1.50 .10

6340 **Splendid Mixed.** Rich colors,superb strain. ¼ oz. 50c., oz. $1.50 .10

6345 **Fine Mixed.** Choice colors..... ¼ oz. 35c., oz. $1.00 .10

grandiflora, or Large Flowering Sorts. These excellent sorts have extremely large flowers of the richest colors, and are of fine form and substance. The quality is unsurpassed, and we recommend them very highly.

6350 **Fringed Perfection.** Immense, deeply fringed flowers; exquisite colors..... .25

6355 **Superb California Giants.** The flowers of this re-selected strain are deep throated and very large, of great excellence and variety of colors..... .25

6360 **Superb Ruffled Giants.** A California strain of extraordinary size and colors, with deeply ruffled or fluted edges..... .50

6365 **Snow Storm.** Immense ruffled and fringed show white flowers..... .25

6367 **The Rainbow.** Of finest rainbow colorings, with intense yellow throats..... .25

Double Large Flowering Sorts. Seed saved from the most carefully hybridized flowers. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers.

6370 **Fringed, Grey's Select.** One of the finest strains in existence. The double flowers are very large, full and beautifully formed, having the edges of the petals elegantly fringed; finest colors..... .50

6375 **grandiflora Mixed.** Choice strain of fine colors and large flowers..... .25

6380 **PHACELIA campanularia.** Beautiful annual with rich, deep blue bell-shaped flowers; blooms in about eight weeks from seed. ¾ ft.....⅛ oz. 35c. .10

PHLOX DRUMMONDII. These beautiful hardy annuals continue in bloom the whole of the Summer, and for bedding or massing nothing can surpass them for brilliancy and richness of color or profusion of flowers. 1 to 1½ ft.

6385 **grandiflora collection of 6 colors, separate**..... .50

6390 **Finest Mixed.** An improved strain, with very large flowers and trusses; in brilliant colors.....¼ oz. 85c. .10

6395 **Brilliant Scarlet**.....¼ oz. 85c. .10

No. **PHLOX DRUMMONDII**—Continued Pkt.

grandiflora.

6400 **Crimson.** White star center...¼ oz. 85c. $0.10

6405 **Deep Blood Red**.....¼ oz. 85c. .10

6410 **Pink.** Fine shade.....¼ oz. 85c. .10

6415 **Pure White**.....¼ oz. 85c. .10

6420 **Yellow**.....¼ oz. 85c. .10

6425 **cuspidata, Finest Mixed.** Beautiful star-shaped flowers in showy colors..¼ oz. 50c. .10

6430 **Dwarf, Extra Mixed.** An excellent, compact strain for pot culture or edgings, blooming early and throughout the season, large flowers in finest colors. 6 in. ⅛ oz. 75c. .15

6435 **Bright Scarlet**.....⅛ oz. $1.00 .15

6440 **Daybreak Pink**.....⅛ oz. 1.00 .15

6445 **Pure White**.....⅛ oz. 1.00 .15

6450 **Double Mixed.** Fine colors.....⅛ oz. 1.00 .15

6455 **PHLOX decussata, Newest Hybrids.** Tall growing, perfectly hardy plants, with immense trusses of large and beautiful flowers in the greatest range of colors. 3 to 4 ft.....¼ oz. $1.00 .20

6460 **PHORMIUM tenax foliis variegatis** (New Zealand Flax). Handsome, decorative plant for greenhouse or garden. The rigid, erect leaves are often 6 ft. in length, narrow dark green, striped with rich yellow and white. The spikes of orange-colored flowers are 8 to 12 ft. high ..... .25

6465 **PHYSALIS Franchetii** (Japanese Winter Cherry). Hardy perennial, treated as an annual, fruiting first season from seed. A Japanese variety of the Ground Cherry, with edible fruit in large brilliant red capsules, which retain their color for months; fine for Winter decoration. 2 ft.. ¼ oz. 35c. .10

6470 **PHYSOSTEGIA Virginica** (Texas Heath). Fine hardy perennial, resembling a giant Heather, with beautiful pink flowers through the Summer; fine for cutting. 2 ft.....¼ oz. 75c. .10

6475 **Virginica alba.** Large white.....¼ oz. 75c. .10

PINKS. See **Dianthus.**

6480 **PLATYCODON grandiflora.** Handsome hardy perennial, with large, deep blue, bell-shaped flowers, from June to October; allied to the Campanula. 2 ft..¼ oz. $1.00 .10

6485 **grandiflora alba.** Large white..¼ oz. 1.00 .10

6490 **Mariesi.** Dwarf, compact sort, with rich blue flowers. 1 ft.....¼ oz. $1.00 .10

6495 **POLEMONIUM cæruleum, Mixed** (Jacob's Ladder). Fine hardy perennials, with large heads of showy flowers, easily grown in any good garden soil. May to August. 2 ft.....¼ oz. 35c. .10

POPPIES, Single Annual Varieties. For hardiness and easy culture these showy plants cannot be surpassed. They are very free flowering and make a gorgeous display.

6500 **Admiral.** Large single, white, with a broad edge of bright scarlet.....1 oz. 75c. .10

6505 **Danebrog.** Single scarlet, with white blotch on each petal.....Oz. 50c. .10

6510 **English Scarlet.** The common scarlet field Poppy.....Oz. $1.00 .10

6515 **glaucum** (Tulip Poppy). Vivid scarlet. 1 ft.....¼ oz. 25c. .10

6520 **Shirley, Extra Selected.** A much improved strain, with flowers of large size and from the most distinct and charming colors of this lovely race of single Poppies. The flowers are of a shining silky texture, and the bright, delicate colors in the greatest variety possible are to be had in this strain. 2 ft.....Oz. 60c., ¼ lb. $2.00 .10

No. **POPPIES, Single Annual**—Continued Pkt.

Shirley.

6525 **Salmon Shades.** Novel and effective tints.....¼ oz. 25c. $0.10

6530 **The Bride.** Beautiful, large, pure white. 2 ft.....Oz. 60c. .10

6535 **umbrosum.** Rich vermilion, with black spot at base of each petal. 1½ ft...Oz. 75c. .10

6540 **Collection of 6 Single Varieties.** Our selection..... .50

POPPIES, Double Annual Varieties.

6545 **American Flag.** Large, snow white, fringed flowers, bordered with scarlet. 2 ft. Oz. 60c. .10

6550 **Cardinal Hybrids.** Semi-dwarf, beautiful class, with large flowers in richest and brightest colors. 1½ ft.....¼ oz. 20c. .10

6555 **Carnation Flowered Mixed.** Large, showy fringed flowers in choice colors....Oz. 50c. .10

6560 **Japanese Pompon Mixed.** Beautiful, small double flowers in finest colors. 1 ft..... ¼ oz. 50c. .10

6565 **Mikado.** Double white-fringed petals tipped with crimson. 2 ft.....Oz. 75c. .10

6570 **Pæony Flowered Mixed.** Immense globular flowers, resembling the Pæony; in choice colors. 2 ft.....Oz. 50c. .10

6575 **Pink.** Immense, bright pink.....Oz. 60c. .10

6580 **Scarlet.** Immense flowers.....Oz. 60c. .10

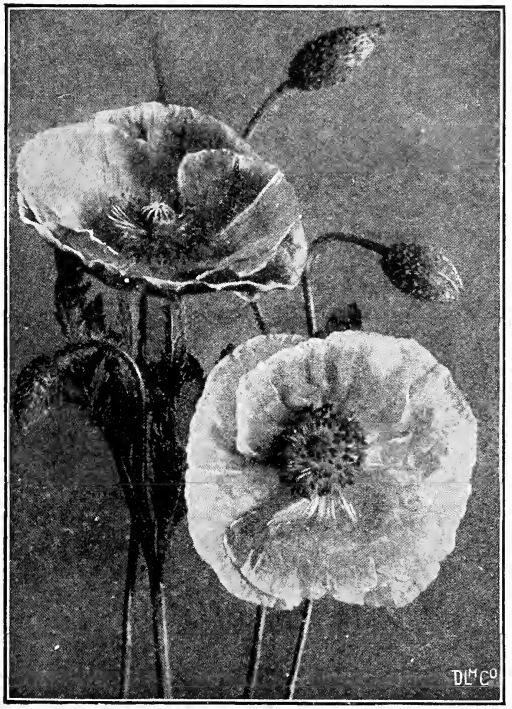
6585 **White.** Immense, pure white.....Oz. 60c. .10

6590 **Yellow.** Immense, clear yellow...Oz. 60c. .10

6596 **Salmoneum.** Double Shirley in all salmon shades from the most delicate to the most brilliant salmon orange..... .15

6600 **White Swan.** Dwarf white. 1 ft..... ¼ oz. 20c. .10

6605 **Collection of 6 Double Varieties.** Our selection..... .50



Shirley Poppy—*See page 52*

No. Pkt.

POPPIES, Hardy Perennial Varieties.

6610 **Alpine, Mixed.** Pretty dwarf free flowering sorts, in delicate colors. ½ ft..... $0.15

6615 **nudicaule, Single, Mixed** (Iceland Poppy). Beautiful border plant with bright, delicate colors, and if sown early will bloom the first year. 1 ft....¼ oz. $1.00 .10

6620 **Bright Yellow**.....¼ oz. 1.00 .10

6625 **Orange Scarlet**.....¼ oz. 1.00 .10

6630 **Pure White**.....¼ oz. 1.00 .10

6635 **Double Mixed.** All colors....¼ oz. 1.00 .10

6640 **orientale.** Very large brilliant scarlet with black blotch. 3 ft.....¼ oz. 60c. .10

6645 **Blush Queen.** Large pale pink..... ⅛ oz. 50c. .15

6650 **Livermere.** Large, deep crimson..... ⅛ oz. 75c. .25

6655 **Queen Alexandra.** Bright rosy salmon. .15

6660 **Royal Scarlet.** Immense blooms..... ⅛ oz. 50c. .15

6665 **Salmon Queen.** Salmon yellow..... ⅛ oz. 50c. .15

6670 **White.** New large white..... .25

6675 **Hybrids.** Many choice shades..... ¼ oz. 75c. .10

PORTULACA. One of our finest hardy annuals, specially adapted to light soils, dry, sunny situations and exposed rockeries. The rich and brilliant colored flowers are produced in the greatest profusion during the hottest weather. 6 in.

6680 **Double Flowered, Mixed.** Perfectly double flowers in brilliant and striking colors.....¼ oz. $1.25 .10

6685 **Single Flowered, Mixed.** Large flowers in most brilliant colors. ¼ oz. 20c. oz. 60c. .10

6690 **Rose**.....¼ oz. 35c., oz. $1.00 .10

6695 **Scarlet**.....¼ oz. 35c., oz. 1.00 .10

6700 **White**.....¼ oz. 35c., oz. 1.00 .10

6705 **Yellow**.....¼ oz. 35c., oz. 1.00 .10

6710 **Collection of 4 colors, separate**..... .35

POTENTILLA. A showy class of hardy perennials, producing in great abundance rich colored flowers of velvety texture; July to October. 1½ to 2 ft.

6715 **Double Hybrids, Mixed**.....¼ oz. $1.00 .25

6720 **Single Hybrids, Mixed**.....¼ oz. 40c. .10

PRIMULA or PRIMROSE. Hardy and half-hardy sorts. The following Primulas are exceedingly charming and useful plants for growing under glass or in the open air. Most of the hardy sorts require, in our climate, protection during Winter.

6725 **auricula.** Saved from a large and varied collection of choice colors..... .25

6730 **Garden Primrose, New Hybrids** (Acaulis). An excellent large flowering strain of bright colors.....⅛ oz. $1.25 .25

6735 **Blue.** Clear blue color..... .25

6740 **Yellow.** English primrose...⅛ oz. $1.25 .15

6745 **Polyanthus, Giant Mixed.** New large flowering strain of the brightest colors... .25

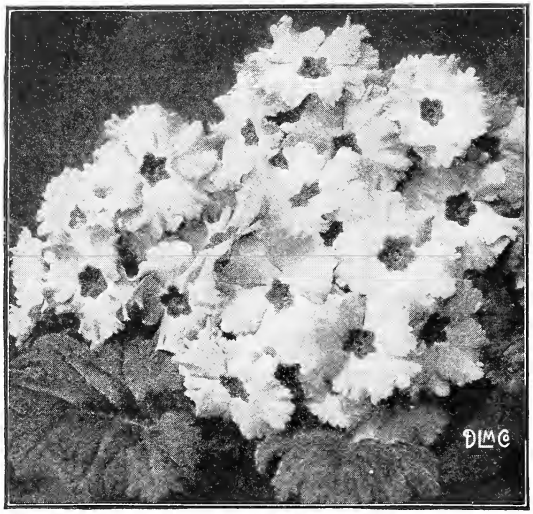
6750 **Finest Fancy Mixed.** Extra choice strain. .10

6755 **Gold Laced.** Showy and attractive yellow edged sorts..... .15

PRIMULA chinensis (Chinese Primrose). All our Chinensis and Stellata Primroses are grown for us by an English specialist who grows nothing but Primulas, and our strains of these were among the best exhibited for the last two seasons. For excellence in every point they cannot be equaled.

6760 **Grey's Giant Mixture.** A grand mixture of giant primroses..... 1.00

6765 Half packet of Giant Mixture..... .50



Primula Chinensis

No. **PRIMULA Chinensis**—Continued Pkt.

6770 **Grey's Giant White.** The largest and best white ever sent out, flowers of great substance..... $1.00

6775 **Grey's Giant Pink.** The finest and largest bright pink; petals extremely large and of great substance..... 1.00

6780 **Grey's Giant Crimson.** Most lovely rich velvety crimson, fine habit, good substance and very free-flowering..... 1.00

6785 **Grey's Giant Salmon.** A distinct and valuable sort with massive trusses of salmon-pink flowers well above the foliage.. 1.00

6790 **Grey's Giant True Blue.** Beautiful fringed blossoms of immense size, fine substance and freely produced; the best blue. 1.00

6795 **Grey's Orange King.** A grand new sort, said to be an entirely new color in Primulas, a beautiful orange color in bud and when open of a terra-cotta color shaded with orange-salmon around the edge; very large and free..... 1.00

6800 **Giant Art Shade.** One of the most lovely yet introduced. The immense blooms are fringed and curved; the color is an art shade of an intense fiery glare..... 1.00

6805 **Giant Brilliant King.** Large and erect blooms, forming a pyramid of beautiful rich crimson flowers; superb sort..... .75

6810 **Giant Chiswick Red.** Improved strain, with large beautifully fringed crimson scarlet flowers..... .75

6815 **Giant Crimson King.** The large deep rich crimson bloom with a dark brown eye make it one of the most brilliant and effective..... .75

6820 **Giant Covent Garden White, Improved.** Flowers very large white and beautifully fringed; a very free-flowering improved strain..... .75

6825 **Giant Delicata.** Free-flowering beautiful soft pink, with very large erect blooms... .75

No. **PRIMULA Chinensis**—Continued Pkt.

6830 **Giant, His Majesty.** Magnificent new sort, with distinct glossy foliage and massive, finely-fringed velvety, dark crimson blooms; one of the finest ever raised..... $0.75

6835 **Giant King George V.** New. The darkest crimson yet offered, of giant size, beautifully fringed, very free flowering and of massive substance..... .75

6840 **Giant Queen Mary.** New. One of the finest ever raised, erect, free flowering, of great substance and of a lovely delicate pink color..... .75

6845 **Giant Ruby Queen.** One of the finest of all the deep red sorts; the flowers are large finely fringed, and of an intense rich scarlet with bright yellow eye..... .75

6850 **Giant Duchess.** Most distinct and beautiful, having large pure white flowers with a zone of carmine crimson around a clear yellow eye..... .75

PRIMULA stellata, or Star Primrose. This valuable and very distinct variety should be extensively grown for greenhouse and table decoration. The innumerable star-shaped flowers make an effective contrast to the attractive dark foliage.

6855 **Blue Star Improved.** A strain of very large dark blue flowers and pale green foliage..... .75

6860 **Brilliant Rose Star.** Bright rose flowers and graceful, dark green fern leaf foliage, which is red underneath..... .75

6865 **Crimson Star.** Fine colored sort with large, brilliant, rich crimson flowers..... .75

6870 **King of Star.** Deep crimson..... .75

6875 **Salmon Pink Star.** Improved strain.... .75

6880 **White Star.** Improved, large, pure white. .75

6885 **Mixed Star.** A special mixture..... .75

PRIMULA obconica. A beautiful and continuous blooming variety with handsome spikes of flowers and pretty foliage. For Winter blooming seed should be sown in April or May in good porous loam. The grandiflora sorts are the freest blooming, but the individual flowers are not as large as the gigantea type.

6890 **grandiflora alba.** Large, pure white..... .25

6895 **carminea.** Large, carmine red..... .25

6900 **hybrida.** Finest large-flowered sorts, mixed..... .25

6905 **Giant fimbriata.** Giant fringed sorts.... .50

6910 **Apple Blossom.** Delicate pink..... .50

6915 **Bright Rose**..... .50

6920 **lilacina.** Dark lilac..... .50

6925 **oculata.** Dark-eyed varieties..... .50

6930 **purpurea.** Beautiful purple..... .50

6935 **Rich Crimson**..... .50

6940 **Forbesii** (Baby Primrose). This is like the Obconica in habit, with showy rosy lilac yellow-eyed flowers, a continuous bloomer and may be had in flower in 3 months after sowing..... .25

6945 **PRIMULA Kewensis.** A great acquisition as a Winter-flowering decorative plant and excellent for cutting. The flowers are bright yellow, very fragrant on erect stems 12 to 18 in. long..... .50

6950 **PRIMULA malacoides.** Very free-flowering species from China and an excellent pot plant for indoor growing; the flowers are ½ to ¾ inch across, of a light lilac color and will bloom in four months from seed .25

6955 **alba.** Pure white..... .25

6960 **rosea.** Rose shades..... .25

No. Pkt.

PYRETHRUM. Handsome, hardy perennials, indispensable for herbaceous borders or for cutting; they grow best in cool, moist situations. 2 ft.

6970 **Double Hybrids, Mixed.** Saved from a choice strain, of double and semi-double flowers in finest colors.....⅛ oz. $3.00 $0.25

6972 **Double Hybrids, Kelway's.** Saved from their unequalled collection of named sorts..... .50

6975 **Single Hybrids, Mixed.** Single Daisy-like flowers in rich colors.....¼ oz. $1.50 .10

6976 **Single Hybrids, Kelway's.** Superb large flowering sorts, with immense single flowers of richest colorings....⅛ oz. $1.25 .25

6985 **PYRETHRUM aureum** (Golden Feather). Bright golden foliage used extensively for Summer bedding, edgings and ribbon work. Treated as annuals. ¾ ft.....¼ oz. 30c. .10

6990 **selaginoides.** Bright golden, Fern-like foliage.....¼ oz. 60c. .10

6995 **RANUNCULUS, Double Mixed French.** Beautiful double Buttercup-like flowers in great variety of choice colors; flowering first season from seed; hardy with protection. ¾ ft.....¼ oz. 35c. .10

RESEDA. See **Mignonette.**

7000 **RHODANTHE, Mixed.** Handsome pink and white, annual everlasting, excellent for bouquets of dried flowers. 1 ft..... ¼ oz. 30c. .10

7005 **Manglesi.** Bright pink, beautiful..... ¼ oz. 30c. .10

RICINUS (Castor Oil Bean). Large, luxuriant, rapid growing foliage plants, with immense, Palm-like leaves and brilliant colored fruit. In center of beds or singly on lawns, they produce a fine effect; half-hardy annual.

7010 **Borboniensis.** Large, purplish green leaves. 15 ft.....Oz. 25c. .10

7015 **Cambodgensis.** Best dark-leaved sort. 6 ft.....Oz. 35c. .10

7020 **Gibsoni.** Dark purple stems and foliage. 6 ft.....Oz. 35c. .10

7025 **Gibsoni mirabilis.** Dwarf reddish foliage. 4 ft.....Oz. 35c. .10

7030 **sanguineus.** Red stalks and fruit. 8 ft. Oz. 25c. .10

7035 **Zanzibarensis, Mixed.** A distinct race with enormous leaves varying in color from pale green to brownish purple.....Oz. 25c. .10

7040 **Mixed.** All sorts.....Oz. 20c. .10

7045 **ROMNEYA Coulteri** (Giant White California Poppy). A Californian perennial, with immense, pure white, fragrant flowers, with golden center, blooming continually from June to Sept.; makes a fine pot plant and requires protection in Winter. The seed will sometimes remain dormant for months after planting. 3 ft..... .15

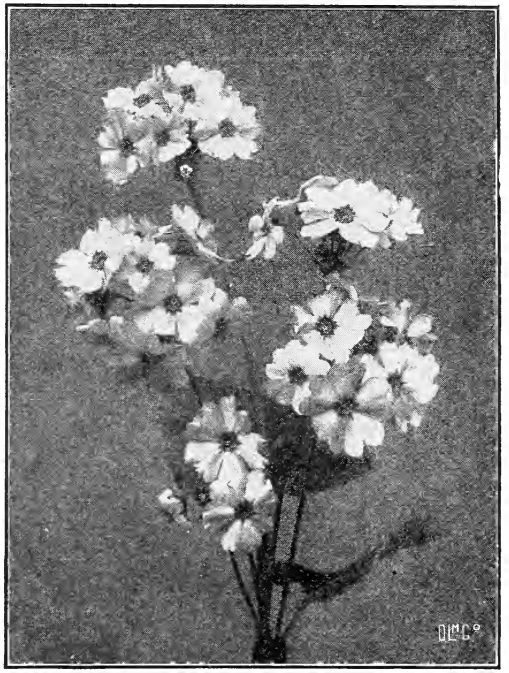
RUDBECKIA (Cone Flower). Beautiful border plants lasting a long time in bloom and excellent for Summer and Autumn display; each bloom is like a miniature Sunflower. 2 ft.

7050 **bicolor superba.** Orange yellow, with velvety brown center; annual...¼ oz. 25c. .10

7055 **Newmani.** Golden yellow, with velvety maroon center; hardy perennial..... .15

purpurea. See **Echinacea.**

7060 **SAINTPAULIA ionantha grandiflora.** Charming greenhouse plant, with beautiful deep blue flowers, 1¼ in. in diameter, resembling the violet..... .25



Primula obconica—*See page 54*

No. Pkt.

SALPIGLOSSIS, Improved Large Flowering. Very beautiful free flowering annuals in great variety of color. The large, richly colored flowers are elegantly veined, and penciled, blooming from July to frost, and are splendid for cutting. 2 ft.

7065 **Purple, Golden Veined.** Large.¼ oz. $1.00 $0.10

7070 **Rose, Golden Veined.** Large...¼ oz. 1.00 .10

7075 **Scarlet, Golden Veined.** Large.¼ oz. 1.00 .10

7080 **Large Flowering, Mixed.** The above and many other beautiful colors....¼ oz. 60c. .10

7085 **Emperor, Mixed.** A robust class, with only one leading stem covered with immense flowers of richest colors.....¼ oz. $1.00 .10

7090 **Dwarf, Mixed.** New class, 12 to 15 in. high, with larger flowers more freely produced than the tall growing..... .25

7095 **Collection of 4 colors, separate**..... .35

SALVIA. One of our handsomest and most showy Summer and Autumn flowering plants, forming compact bushes, which are literally ablaze with brilliant flowers from July to frost. Tender perennial, but blooms first season from seed.

7100 **farinacea.** Remarkable for its long flower spikes of lavender blue. 3 ft...¼ oz. $1.00 .10

7105 **patens.** Rich blue. 2 ft.....⅛ oz. $1.75 .25

7110 **splendens Bonfire.** Finest compact sort of very even growth, with dense spikes of vivid dark scarlet flowers. 2½ ft..... ¼ oz. $1.50 .15

7115 **splendens Fireball.** Compact sort, with large, scarlet flower spikes, early and rich flowering. 2 ft.....¼ oz. $1.75 .20

7120 **splendens grandiflora.** Large, brilliant scarlet flower spikes. The most popular sort grown. 3 ft.....¼ oz. $1.00 .10

No. **SALVIA**—Continued Pkt.

7125 **splendens Liliputana.** Compact, globular habit, not over 10 in. high, with vivid scarlet flower spikes freely produced very early..... $0.25

7130 **splendens Ostrich Plume.** The spikes of flowers are like plumes; of the brightest scarlet, and the bush is well covered; each plume is a bouquet in itself..... .25

7135 **Zurich.** The very earliest flowering variety; it is of a rich scarlet and suitable for pot growing, as it is very dwarf. 1 ft..... ⅛ oz. $1.00 .25

7140 **SANVITALIA procumbens fl. pl.** Pretty free flowering hardy annual, with double flowers of a bright yellow. 9 in..... ¼ oz. 30c. .10

SAPONARIA. A beautiful class of compact growing hardy annuals, with small, starry flowers from July to September; suitable for beds or borders, and fine for cutting.

7145 **vaccaria.** Profuse blooming, with beautiful pink feathery flowers. 3 ft...¼ oz. 20c. .10

7150 **vaccaria alba.** White flowered; a fine market flower.....¼ oz. 20c. .10

SCABIOSA, Improved Large Flowering (Mourning Bride). One of our best Summer flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. 2½ ft.

7155 **Azure Fairy.** Delicate mauve...¼ oz. 30c. .10

7160 **Cherry Red.** Bright color.....¼ oz. 30c. .10

7165 **Fiery Scarlet.** Brilliant color....¼ oz. 30c. .10

7170 **King of Blacks.** Black purple...¼ oz. 30c. .10

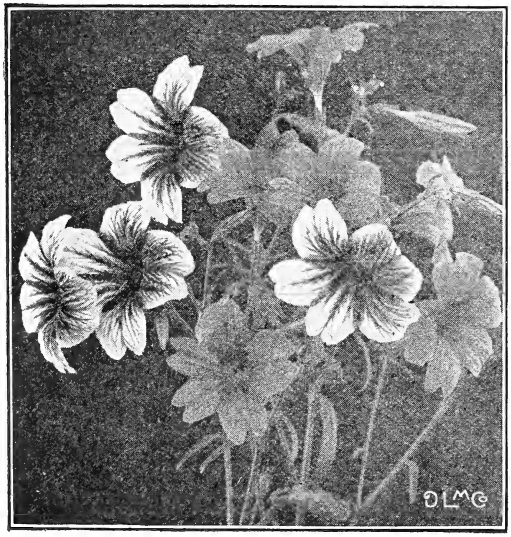
7175 **Rose Pink.** Beautiful shade....¼ oz. 30c. .10

7180 **Purple, Edged White.** Very dark, with white edge.....¼ oz. 30c. .10

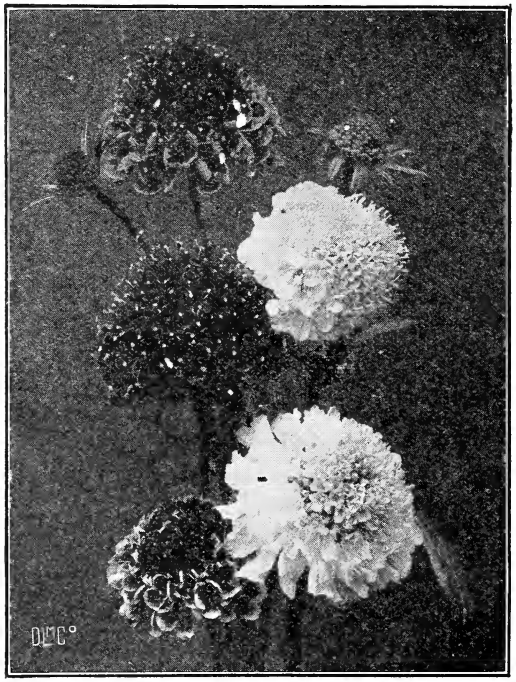
7185 **White.** Large, pure white.....¼ oz. 30c. .10

7190 **Mixed.** All colors.....¼ oz. 25c. .10

7195 **Collection of 6 colors.** Our selection.... .50



Salpiglossis, Large-flowering—*See page 55*



Scabiosa, Improved Large-flowering

No. Pkt.

SCABIOSA, Hardy Perennial Varieties. Of great value either in the herbaceous border or for cutting. 2 ft.

7200 **caucasica.** Beautiful lilac blue. ¼ oz. $1.50 $0.15

7205 **Large Flowered Hybrids.** New, soft and delicate colors in great variety..... .25

SCARLET RUNNER. See Bean.

SCHIZANTHUS (Butterfly Flower). Beautiful and showy, erect growing, hardy annuals for house or garden; very free flowering, continuing through the Summer and Autumn. 1½ ft.

7210 **hybridus grandiflorus.** Very fine new large flowered varieties in very effective colors.....⅛ oz. 75c. .15

7215 **Garraway's Hybrids.** A beautiful strain for greenhouse, containing a wide range of colors..... .50

7220 **Wisetonensis.** Containing the most delicate shades of white, pink, rose and crimson; excellent for pot culture.....$\frac{1}{16}$ oz. $2.00 .25

7225 **albus.** Glistening snow white; very compact. 16 in..... .25

7230 **SCHIZOPETALUM Walkeri.** Hardy annual producing quantities of white, almond scented flowers, which are elegantly fringed at edges. June to October. 1 ft.. ¼ oz. 35c. .15

7235 **SEDUM** (Stonecrop). **Mixed.** Suitable for rockwork, edgings and dry situations; their glaucous foliage and bright flowers invariably attract attention; hardy perennial. 4 in.....¼ oz. 35c. .10

7240 **cœruleum.** Blue flowered annual variety, very useful in borders, etc.....⅛ oz. 50c. .15

SENSITIVE PLANT. See **Mimosa.**

7245 **SHAMROCK.** True, small leaved variety, resembling a very small leaved clover; imported seed.....¼ oz. 50c. .10

No. **SILENE** (Catchfly). Very pretty and profuse-blooming plants, with bright and attractive flowers; extremely useful and doing well in any ordinary soil. Pkt.

7250 **armeria, Mixed.** Free-flowering, hardy annual, with pink, white and red flowers. 1 ft. ¼ oz. 25c. $0.10

7255 **pendula, Peach Blossom.** Beautiful bright pink annual variety for Spring bedding, edgings, etc. ¼ oz. 35c. .10

7260 **orientalis.** Fine, hardy perennial with large, globular heads of beautiful pink flowers; blooms from June to Aug. and is fine for cutting; flowers first season from seed. 2½ ft. ¼ oz. 30c. .10

7265 **SMILAX** (Myrsiphyllum asparagoides). A climbing plant, unsurpassed for its graceful foliage and orange-blossom fragrance of its flowers. ¼ oz. 25c. .10

7270 **Myrtle-leaved.** New and distinct form, more graceful than preceding. 100 seeds 75c. .20

SNAPDRAGON. See **Antirrhinum.**

7275 **SOLANUM capsicastrum nanum** (Jerusalem Cherry). Very ornamental plants for house or greenhouse, being almost completely covered with bright scarlet berries. Early Spring-sown seed will produce fruiting plants in the Autumn. 1 ft. ¼ oz. 50c. .10

7280 **Cleveland.** An improved variety of Jerusalem Cherry, with very large, brilliant berries. A fine decorative plant. .15

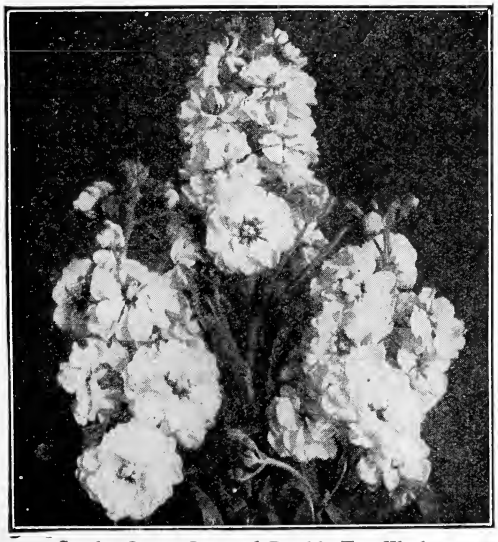
7285 **STATICE** (Sea Lavender). **Mixed.** Beautiful hardy perennial, free flowering and of easy culture in poor soils and dry situations; very showy in beds or borders, and remain a long time in bloom; when dried can be used in Winter bouquets. .10

7290 **latifolia.** Deep lavender blue. ⅛ oz. 40c. .10

STEVIA. Free-flowering greenhouse perennials, with sprays of tiny flowers, extensively grown by florists. They bloom profusely from seed the first season, and are treated as annuals. 2 ft.

7295 **eupatoria.** Fine pinkish white. ¼ oz. 35c. .10

7300 **serrata.** Pure white; fragrant. ¼ oz. 60c. .15



Stocks, Large-flowered Double Ten-Weeks

No **STOCKS** (Gilliflower). One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as desirable for Winter cultivation in the greenhouse as for the garden in Summer; invaluable as cut-flowers. Pkt.

LARGE-FLOWERED DOUBLE TEN-WEEKS PERPETUAL PERFECTION (Cut-and-Come-Again). An excellent variety of fine branching habit, with large, double flowers in great abundance from June till frost. 1½ ft.

7305 **Apple Blossom Pink** ⅛ oz. $1.00 $0.15

7310 **Bright Rose** ⅛ oz. $1.00 .15

7315 **Canary Yellow** ⅛ oz. $1.00 .15

7320 **Dark Blood Red** ⅛ oz. $1.00 .15

7325 **Dark Blue** ⅛ oz. $1.00 .15

7330 **Light Blue** ⅛ oz. $1.00 .15

7335 **Scarlet** ⅛ oz. $1.00 .15

7340 **Snow White** ⅛ oz. $1.00 .15

7345 **Mixed, Extra.** The above and many other colors ⅛ oz. $1.00 .15

7350 **Collection of 6 colors.** Our selection. .75

SPECIAL LARGE-FLOWERING PERFECTION OF NICE, TEN-WEEKS. Splendid strain for garden or greenhouse, of fine branching habit, with very large, double, fragrant flowers. An unusually long and free-blooming strain. Our seeds of this strain are from the introducers at Nice. 2 ft.

7352 **Almond Blossom.** Shell pink. ⅛ oz. $1.00 .15

7354 **Beauty of Naples.** Old rose. ⅛ oz. $1.00 .15

7355 **Beauty of Nice.** Delicate flesh pink ⅛ oz. $1.00 .15

7358 **Bianca.** Snow white, early. ⅛ oz. $1.00 .15

7362 **Cote d'Azur.** Light blue. ⅛ oz. $1.00 .15

7365 **Crimson King.** Rich crimson. ⅛ oz. $1.00 .15

7370 **Golden Feather.** Yellow. ⅛ oz. $1.00 .15

7375 **Queen Alexandra.** Mauve. ⅛ oz. $1.00 .15

7377 **Violet of Nice.** Dark violet. ⅛ oz. $1.00 .15

MAMMOTH COLUMN TEN-WEEKS. Splendid variety; earliest flowering of the Ten-Weeks Stocks; produces only one spike of large, double flowers. 2½ ft.

7380 **Crimson** ⅛ oz. $1.25 .15

7385 **Gloria.** Blood red; extra ⅛ oz. $1.25 .15

7390 **Light Blue** ⅛ oz. $1.25 .15

7395 **Rose Pink** ⅛ oz. $1.25 .15

7400 **Snow White** ⅛ oz. $1.25 .15

DWARF BOUQUET TEN-WEEKS. This is the finest dwarf Stock for growing in pots or for edgings; it is of bushy habit, with beautiful double flowers. 8 in.

7405 **Crimson.** Fine, deep color. ⅛ oz. $1.00 .15

7410 **Pure White.** Excellent. ⅛ oz. $1.00 .15

7415 **Mixed.** All colors. ⅛ oz. $1.00 .15

7420 **STOKESIA cyanea** (Cornflower Aster). Beautiful hardy perennial, with lavender-blue blossoms July to frost. 2 ft. ¼ oz. $1.00 .10

7424 **Cyanea.** Mixed. .15

7425 **STREPTOCARPUS, Veitch's New Hybrids.** Handsome greenhouse perennial, with Achimene-like flowers in clusters on slender stems. Treatment same as for Gloxinia. .50

SUNFLOWER. See **Helianthus.**

SWAINSONA. Fragrant, tender perennial for house or conservatory. Graceful foliage and Sweet Pea-like flowers. Grown as a climber or trimmed into bush form.

7430 **grandiflora alba.** Pure white. .25

7435 **grandiflora rosea.** Rose pink. .25

SWEET CLOVER. Grown for the fragrance of their flowers and foliage.

7440 **Melilotus alba.** Yellowish white; very fragrant; hardy biennial. 3 ft. Oz. 30c. .10

7445 **cœrulea.** Blue flowers; very sweet, hardy annual. 2 ft. Oz. 50c. .10

SWEET PEAS

No. Pkt.

GIANT SPENCER or ORCHID FLOWERING. Unquestionably the finest type of this most popular flower that has ever been introduced. The waved flowers are of immense size, usually two inches or more across and with three to five flowers on a stem. The season of bloom is much longer than the old type. Grow 3 to 4 in. apart in the rows. Separate varieties. **Oz. 40c., ¼ lb. $1.50 unless otherwise priced.**

7450 **Special Exhibition Mixture.** This mixture is made up entirely of the Spencer and Unwin types and includes the finest sorts and most effective colors; it is without an equal and cannot fail to give the greatest satisfaction.. Oz. 35c., ¼ lb. $1.00, lb. $3.25 $0.10

7455 **Afterglow.** Electric shades of blue and rosy mauve..... .10

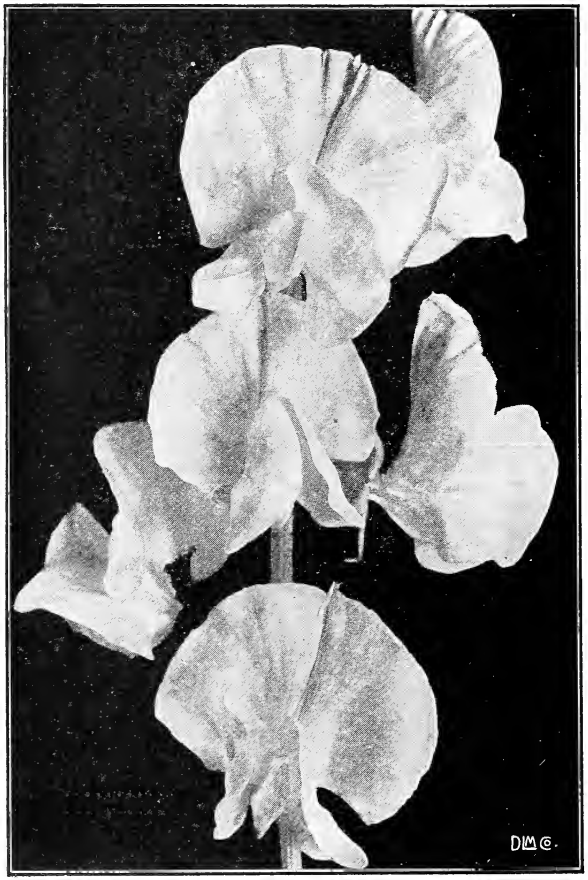
7460 **Agricola.** Large white, lilac flush..... .10

7465 **America Spencer.** Red flakes on white ground, extra fine..... .10

7475 **Alfred Watkins.** Pure lavender..... .10

7480 **Apple Blossom Spencer.** Rose and pink .10

7485 **Asta Ohn.** Soft lavender, tinted with mauve .10



Sweet Peas, Giant Orchid Flowering

No. Pkt.

7490 **Aurora.** Cream white, flaked with rich orange salmon..... $0.10

7492 **Austin Frederick.** Giant true lavender... .10

7495 **Barbara.** Large salmon-orange..... .10

7505 **Blanche Ferry Spencer.** Pink and white.. .10

7506 **Blue Monarch.** Large dark blue..... .10

7507 **Blue Picotee.** Large pure white, violet-blue edge..... .10

7510 **Captain of Blues.** Wings bright blue, standard purple..... .10

7515 **Captivation.** A rich, rosy wine red throughout..... .10

7520 **Charm.** Pure white, flushed pink..... .10

7525 **Charles Foster.** Blush pink, flushed mauve, an opal-pink pastel shade..... .10

7535 **Clara Curtis.** Primrose..... .10

7540 **Constance Oliver.** Salmon pink on cream ground..... .10

7545 **Countess Spencer.** A rich, pure pink..... .10

7550 **Dainty.** Glistening, pure white, with rose-pink edge..... .10

7555 **Decorator.** Crimson and orange..... .10

7560 **Dobbie's Cream.** Rich primrose..... .10

7570 **Doris Usher.** Rich pink on cream.... .10

7575 **Duplex Cream.** Rich cream pink, double flower..... .10

7590 **Edith Taylor.** Soft salmon rose..... .10

7595 **Elfrida Pearson.** Giant blush pink, with deeper margin..... .10

7600 **Elsie Herbert.** Large, creamy white, pink edge..... .10

7605 **Empress Eugenie.** Light gray, flaked with lavender..... .10

7615 **Etta Dyke** (Money Maker). Fine strain of White Spencer..... .10

7623 **Fiery Cross.** Bright red, orange, cerise, or "military red"..... Oz. 50c. .10

7630 **Florence Morse** (Mrs. Hardcastle Sykes). Deep blush pink..... .10

7635 **Florence Nightingale.** Bluish lavender. One of the best..... .10

7655 **George Herbert.** Bright rosy carmine. .10

7660 **Helen Lewis.** Rich orange pink..... .10

7665 **Hercules.** Giant soft rose-pink..... .10

7670 **Illuminator.** Warm salmon orange, overlaid with rich cerise pink.. Oz. 50c. .10

7675 **Irish Belle,** or **Dream.** Rich lilac, flushed with pink..... .10

7678 **Jean Ireland.** Creamy buff, deep pink edge..... Oz. 50c. .10

7680 **King Edward Spencer** (Maud Holmes). Deep, rich crimson..... .10

7685 **King Manoel.** Largest, deep maroon.. .10

7690 **King White.** Giant, pure white. Oz. 50c. .10

7691 **Lavender George Herbert** (Dobbie's). Large flowered lavender..... Oz. 50c. .10

7693 **Lord Nelson.** True navy blue..... .10

7695 **Lovely Spencer.** Soft shell pink, shading to white at the edges..... .10

7700 **Loyalty.** Violet blue flake on white ground..... .10

7705 **Marie Corelli.** Brilliant rose..... .10

No. **SWEET PEAS**—Continued Pkt.

7715 **Margaret Atlee.** Salmon pink or cream. A new shade of pink..... $0.10

7725 **Martha Washington.** White suffused with light rose..... .10

7730 **Masterpiece.** Rich lavender..... .10

7736 **Miss Burnie.** Pale blush white..... .10

7740 **Mrs. C. W. Breadmore** (Evelyn Hemus). Primrose, with rose edge..... .10

7745 **Mrs. Cuthbertson.** Very large; clear rose pink, white wings..... .10

7750 **Mrs. Heslington.** Lavender, suffused with mauve..... .10

7755 **Mrs. Hugh Dickson.** Rich, pinkish apricot on cream ground..... .10

7756 **Mrs. J. Balmer.** Cream edged rose..... .10

7760 **Mrs. Routzahn.** Apricot, suffused with pink .10

7770 **Mrs. Townsend.** White, flushed and edged blue..... .10

7776 **New Margaret Madison.** Azure blue..... .10

7777 **New Miriam Beaver.** Soft shell salmon pink on cream ground.....Oz. 50c. .10

7780 **Nora Unwin.** Large and charming, pure white. .....Oz. 20c., ¼ lb. 50c. .10

7785 **Nubian.** Deep chocolate colored self..... .10

7786 **Orchid Lavender.** Lavender suffused with pink..... .10

7795 **Paradise Ivory.** Cream, with blush tint like old ivory..... .10

7801 **Peace.** Soft, pale pink..... .10

7805 **Primrose Spencer.** Beautiful cream yellow..... .10

7810 **Queen Alexandra Spencer.** Large, rich scarlet self..... .10

7818 **R. F. Felton.** Pinkish lavender..... .10

7828 **Robert Sydenham.** Beautiful orange scarlet self..... .10

7830 **Rosabelle.** Giant deep rose self..... .10

7835 **Royal Purple.** Rich, royal purple...Oz. 50c. .10

7845 **Scarlet Emperor.** Large, deep scarlet..... .10

7855 **Stirling Stent.** Rich salmon, suffused with orange..... .10

7869 **The President.** Rich dazzling orange scarlet.....Oz. 50c. .10

7870 **Thomas Stevenson.** Rich bright orange scarlet..... .10

7875 **Vermilion Brilliant.** Large, brilliant scarlet..... .10

7877 **Warrior.** Giant maroon.....Oz. 50c. .10

7880 **Wedgwood.** Bright blue self..... .10

7885 **White Spencer.** Pure white..... .10

SPENCER VARIETIES FOR GREENHOUSE

All white seeded varieties will germinate better if sown in small pots of sand, being less liable to decay and can readily be transplanted to permanent place. One oz. of seed is plenty for a 25-ft. row. Temperature about 45 deg. at night and 10 deg. higher during the day. Watch out for insects and feed when in full bloom. For blooming at Christmas sow before end of September. For January, February and March sow about the middle of October. For Easter sow first of December. **¼ oz. 50c., oz. $1.50 for each variety.**

C7493 **All White.** Large waved, pure white..... .15

No. **SWEET PEAS,** Greenhouse Spencers—Continued

C7504 **Bluebird.** Lavender..... $0.15

C7505 **Blanche Ferry.** Best pink and white..... .15

C7508 **Columbia.** Salmon-rose and white..... .15

C7607 **Enchantress.** Early rose-pink..... .15

C7654 **Glitters.** Cerise..... .15

C7693 **Lavender King.** Very early lavender..... .15

C7737 **Miss Louise Gude.** Brilliant pink..... .15

C7742 **Mrs. Charles Zvolanek.** Lavender..... .15

C7757 **Mrs. Kerr.** Salmon..... .15

C7772 **Mrs. Warren G. Harding.** Pale lavender. .15

C7807 **Princess.** Lavender, suffused mauve..... .15

C7831 **Rose Queen.** Fine rose-pink..... .15

C7847 **Snowstorm Improved.** Pure white..... .15

C7854 **Songster.** Giant lavender..... .15

C7889 **Zvolanek's Rose.** Giant rose-pink..... .15

SWEET PEAS, Standard Grandiflora Varieties. The following varieties, **20c.** per **oz., 50c., per ¼ lb., $1.75 per lb., unless otherwise priced.**

7890 **Grey's Columbia Mixture.** Our special mixture; contains only the finest large-flowering varieties grown from carefully selected stock and mixed by ourselves; postpaid....Oz. 10c., ¼ lb. 35c., lb. $1.25 .05

7905 **Blanche Ferry.** Pink and white improved. .05

7915 **Black Knight.** Shining deep maroon..... .05

7930 **Countess of Radnor.** Soft lavender..... .05

7935 **Dorothy Eckford.** Grand, pure white..... .05

7950 **Flora Norton.** Bright, clear blue..... .05

7955 **Helen Pierce.** Mottled blue on white..... .05

7960 **Hon. Mrs. E. Kenyon.** Large, primrose.. .05

7965 **Janet Scott.** Finest deep pink..... .05

7970 **King Edward VII.** Brilliant crimson self... .05

7975 **Lady Grisel Hamilton.** Light lavender.. .05

7980 **Lord Nelson.** Dark blue..... .05

7990 **Miss Wilmott.** Rich, deep orange pink.... .05

7995 **Mrs. Walter Wright.** Beautiful mauve... .05

8005 **Queen Alexandra.** Finest pure scarlet..... .05

GRANDIFLORA VARIETIES FOR GREENHOUSE

20c. per oz., 60c. per ¼ lb., $2.00 per lb., unless otherwise priced.

8013 **Blanche Ferry Extra Early.** Pink and white .10

8014 **Burpee's Earliest White.** Pure white..... .10

8015 **Christmas Pink.** Pink and white..... .10

8020 **Florence Denzer.** Pure white..... .10

8025 **Mrs. Alexander Wallace.** Lavender..... .10

8030 **Mrs. C. H. Totty.** Sky blue..... .10

8035 **Mrs. F. J. Dolansky.** Daybreak pink.... .10

8040 **Mrs. Wm. Sim.** Salmon pink..... .10

8045 **Re-selected Earliest of All.** Pink and white .10

8050 **Snowbird.** Earliest white..... .10

SWEET ROCKET. See **Hesperis.**

SWEET SULTAN. See **Centaurea.**

SWEET WILLIAM. Popular and showy hardy biennial of easiest culture, producing their brilliant colored flowers in great profusion; very desirable for borders and old-fashioned gardens. 1½ ft.

8055 **Boston Giant.** An extraordinary strain with flowers as large as a half dollar, and contains colors not in other strains..... .25

8060 **Double Mixed.** Very large flowers in choice colors.....¼ oz. 75c. .15

8065 **Holborn Glory.** Extra large flowers, finest colors, with clearly defined eyes. ¼ oz. 50c. .10

Verbena Helen Willmott

No. **SWEET WILLIAM**—Continued Pkt.

8070 **Single Finest Mixed.** Choice....¼ oz. 50c. $0.10
8075 **Dark Crimson**.....¼ oz. 75c. .10
8080 **Deep Velvety Maroon**.....¼ oz. 75c. .10
8085 **Pure White**.....¼ oz. 75c. .10
8090 **Pink Beauty.** Soft pink.....⅛ oz. 75c. .15
8095 **Sutton's Scarlet.** Vivid.....⅛ oz. 75c. .15
8100 **Annual Mixed.** Flowers of good size and well marked; seed sown in March will bloom the same year. 9 in...¼ oz. 75c. .15

TAGETES. See **Marigold.**

THUNBERGIA (Black-Eyed Susan). Beautiful free flowering annual twiners of rapid growth; used extensively in window boxes, vases, etc. 4 ft.

8105 **alata.** Yellow, with dark eye...¼ oz. 65c. .10
8110 **alba.** White, with dark eye...¼ oz. 65c. .10
8115 **aurantiaca.** Orange, with dark eye... ¼ oz. 65c. .10
8120 **Mixed.** All colors.....¼ oz. 50c. .10

TORENIA. Beautiful free-flowering, tender annuals, suitable for pot culture in house or conservatory, also excellent for the border during the Summer, and for baskets and vases are unsurpassed. June to October. 1 ft.

8125 **Bailloni.** Golden yellow, purple throat... .25
8130 **Fournieri grandiflora.** Bright blue, with dark blue spots and bright yellow throat. .25
8135 **White Wings.** Blush-white, yellow throat..... .25
8140 **TRITOMA semperflorens** (Flame Flower). Perpetual-flowering, showy perennial, with numerous spikes of orange red flowers from July until frost; excellent for beds or borders. 3 to 4 ft..... .15
8145 **hybrida mirabilis.** New dwarf annual strain ranging in color from lemon yellow to deep orange. Sown early and planted out in May they bloom freely from July until frost. 2 ft..... .15

No. Pkt.

TROLLIUS (Globe Flower) Charming Spring-flowering, hardy perennials, with large globular Buttercup-like flowers varying in color from creamy white to orange. 2 ft.

8150 **Orange Globe.** Large, deep orange..... $0.25
8155 **Mixed Hybrids.** Newest large-flowered varieties..... .25
8160 **TROPÆOLUM Canariense** (Canary Creeper). Well-known climbing annual with elegantly fringed, bright yellow flowers. 10 ft.....Oz. 50c. .10
8165 **VALERIAN, Mixed.** Showy, hardy perennial, with long spikes of heliotrope-scented flowers. Fine old-fashioned border plant and useful for cutting. 2 ft....¼ oz. 25c. .10
8170 **officinalis** (Garden Heliotrope). Large trusses of fragrant pink flowers. 3 ft.... **(Crop Failed)**

VERBENA. These are invaluable for Summer bedding purposes, flowering freely the first season from seed; seedlings are better than cuttings, with less liability to disease and mildew. Seed sown in March will commence to bloom in June and continue until frost. 1½ ft.

8175 **Grey's Mammoth, Mixed.** A grand strain of giant Verbenas, with flowers and trusses of exceptional size, in the richest and most brilliant colors.....¼ oz. 60c., oz. $2.00 .10
8180 **grandiflora Helen Willmott.** Large, bright salmon pink, with white eye..... .25
8185 **Mammoth Auricula-flowered, Mixed.** Large flowers, with white eye. ¼ oz. 60c. .10
8190 **Blue**.....¼ oz. 60c., oz. $2.00 .10
8195 **Pink**.....¼ oz. 60c., oz. $2.00 .10
8200 **Scarlet**.....¼ oz. 60c., oz. $2.00 .10
8205 **Striped**.....¼ oz. 60c., oz. $2.00 .10
8210 **White**.....¼ oz. 60c., oz. $2.00 .10
8215 **Lemon Verbena** (Aloysia citriodora). Fragrant foliage for cutting.....¼ oz. $1.00 .15
8220 **montana.** Hardy perennial, with bright rose-colored flowers.....¼ oz. 35c. .10

VERONICA. Splendid, hardy perennials, with showy spikes of bright-colored flowers; fine border plant. 1½ to 2 ft.

8225 **spicata Blue.** Bright blue....¼ oz. 50c. .20
8230 **rosea.** Bright rose colored..... .25

VINCA. Handsome, profuse-blooming half-hardy perennials, flowering the first season from seed. They have dark green foliage and pretty pink and white flowers; excellent for borders and bedding out. 1 ft.

8235 **Bright Rose**.....¼ oz. 60c., oz. $2.00 .10
8240 **Pure White**.....¼ oz. 60c., oz. $2.00 .10
8245 **White, with Rose Eye**..... ¼ oz. 60c., oz. $2.00 .10
8250 **Mixed.** All colors....¼ oz. 60c., oz. $2.00 .10

VIOLA cornuta (Tufted Pansies). Fine flowering plants, excellent for partially shaded beds or borders, blooming throughout the season; more hardy than other Pansies, but with smaller flowers.

8255 **Admiration.** Rich, dark blue..¼ oz. $1.50 .10
8260 **Blue Perfection.** Large, light blue..... ¼ oz. $1.50 .10
8265 **Lutea.** The pretty old yellow sort..... ¼ oz. $1.50 .10
8270 **rosea.** Delicate rose.....¼ oz. $1.50 .15
8275 **White Perfection.** Large white.¼ oz. $1.50 .10
8280 **Mixed.** Finest varieties.....¼ oz. $1.00 .10
8285 **Scotch Strains.** Choicest and newest bedding hybrids in finest colors..... .25

No. Pkt.

VIOLA odorata (Sweet-scented Violet). A favorite hardy perennial much in demand on account of its abundant and fragrant blossoms. Easily grown from seed, doing best in a cool, moist situation.

8290 **Princess of Wales.** Giant deep violet. The most extensively grown sort....⅛ oz. 75c. $0.15
8295 **The Czar.** Very large dark blue..⅛ oz. 75c. .15
8300 **White Czar.** Very large white....⅛ oz. 75c. .15
8305 **Mixed.** Blue and white shades..... ⅛ oz. 50c. .10

8310 **VIRGINIAN STOCK, Mixed.** Early free flowering hardy annual, with bright-colored flowers; doing well in any soil.. ¼ oz. 15c. .10

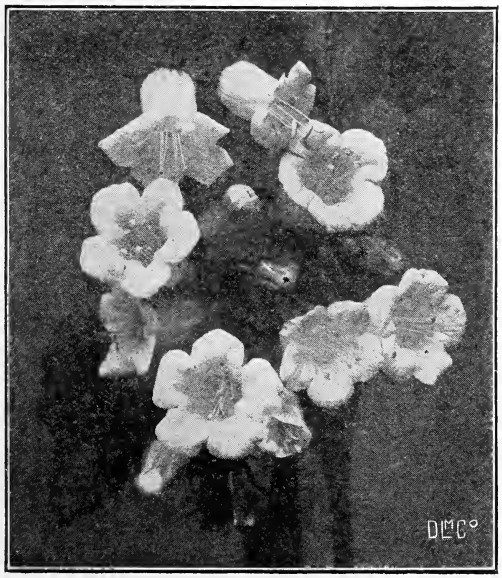
8315 **VISCARIA, Finest Mixed.** Remarkably showy, free flowering hardy annual, for border or masses. The bright flowers are continued through the season. 1 ft.... ¼ oz. 15c. .10

WALLFLOWER. Deliciously fragrant half-hardy perennials, with beautiful velvety flowers mostly in the rich dark colors. 2 ft.

8320 **Double Branching, Mixed**....¼ oz. $1.50 .15
8325 **Kewensis.** Very fragrant flowers varying from sulphur yellow to orange and purple violet. Sown in July it blooms constantly from November until Spring...¼ oz. $1.50 .15
8330 **Vulcan.** Extra large, velvety crimson-brown flowers.....¼ oz. 50c. .10

WALLFLOWER, Annual. A new strain of early flowering single varieties which bloom throughout the Summer from Spring sown seed, and are excellent for bedding purposes. 2 ft.

8335 **Blood Red**.....¼ oz. 50c. .10
8340 **Earliest Paris.** Fine brown.....¼ oz. 50c. .10
8345 **Golden Yellow**.....¼ oz. 50c. .10
8350 **Mixed.** All colors.....¼ oz. 50c. .10



Whitlavia grandiflora alba

No. Pkt.

8355 **WHITLAVIA grandiflora.** Blue flowered, pretty hardy annual, producing throughout the season its bright bell-shaped flowers; adapted to poor soils. 1 ft..... ¼ oz. 25c. $0.10
8360 **grandiflora alba.** White.....¼ oz. 25c. .10

WILD CUCUMBER. See **Echinocystis.**

8365 **XERANTHEMUM, Double, Mixed.** Showy hardy annual of easy culture, giving a profusion of flowers; well suited to drying as everlastings. 1½ to 2 ft.....¼ oz. 50c. .10

8370 **YUCCA filamentosa** (Adam's Needle). Fine hardy perennials. The flower spikes are many branched, and the large white, waxy flowers of drooping habit are borne in huge panicles above the sword-shaped foliage, during July and August. 4 ft...¼ oz. 60c. .15

8374 **ZEA japonica Rainbow.** Green, white, rose and yellow striped foliage. 5 ft.....Oz. 25c. .10
8375 **japonica variegata.** Beautifully striped green and white foliage. 6 ft.....Oz. 15c. .10
8380 **gracillima variegata** (Miniature Maize). Slender, striped foliage. 3 ft.....Oz. 15c. .10

ZINNIA. These attractive and decorative hardy annuals are most desirable for borders or bedding purposes, and are remarkable for the profusion and duration of their flowers which are notable for their large size, fine form, brilliancy and diversity of color; in bloom from June to frost. 1 to 2 ft.

Double Giant Flowering Columbia Strain. Saved from selected prize flowers. 2 ft.

8385 **Bright Rose**.....¼ oz. 35c. .10
8390 **Carmine**.....¼ oz. 35c. .10
8395 **Dark Scarlet**.....¼ oz. 35c. .10
8400 **Deep Maroon**.....¼ oz. 35c. .10
8405 **Flesh Pink**.....¼ oz. 35c. .10
8410 **Golden Yellow**.....¼ oz. 35c. .10
8415 **Lemon Yellow**.....¼ oz. 35c. .10
8420 **Lilac**.....¼ oz. 35c. .10
8425 **Scarlet**.....¼ oz. 35c. .10
8430 **Striped**.....¼ oz. 35c. .10
8435 **White**.....¼ oz. 35c. .10
8440 **Columbia Prize Mixture**.....¼ oz. 35c. .10
8445 **Collection of 6 colors.** Our selection..... .50
8450 **Dwarf Crimson.** 1 ft.....¼ oz. 35c. .10
8455 **Bright Rose**.....¼ oz. 35c. .10
8460 **Carmine**.....¼ oz. 35c. .10
8465 **Dazzling Scarlet**.....¼ oz. 35c. .10
8470 **Flesh Pink**.....¼ oz. 35c. .10
8475 **Golden Yellow**.....¼ oz. 35c. .10
8480 **White**.....¼ oz. 35c. .10
8485 **Mixed.** All colors.....¼ oz. 35c. .10
8490 **Collection of 6 colors.** Our selection... .50
8495 **Curled and Crested, Mixed.** Select strain of double flowers, with curled and twisted petals. 2 ft.....¼ oz. 40c. .10
8500 **Giant, Mixed.** Enormous double flowers in choice colors. 2 ft.....¼ oz. 60c. .10
8505 **Lilliput, Mixed.** Very small and very double flowers in brightest colors; excellent for beds, borders or edgings. 9 in.. ¼ oz. 50c. .15
8510 **Crimson Gem.** Deep crimson..... ¼ oz. 50c. .15
8515 **Golden Gem.** Golden yellow..... ¼ oz. 50c. .15
8520 **Scarlet Gem.** Dazzling scarlet..... ¼ oz. 50c. .15
8525 **White Gem.** Pure white....¼ oz. 50c. .15

MIXED FLOWER SEEDS FOR WILD GARDENS

"Wild Gardens" have proved a marked success; and we are in receipt of the most satisfactory evidence of the estimation in which they are held. Anyone who has cultivated flowers knows the constant attention necessary in the care of well-laid-out beds and borders. To those who cannot give this care, the "Wild Garden" presents a substitute which, for its unusual and varied effects, cheapness, and the small amount of labor necessary for its construction, has no rival. "Wild Garden" seeds are a mixture of over one hundred varieties of flower seeds, and, being mixed together, can be offered at a much less price than when sold in separate packets. The different seasons of bloom insuring something new almost every day.

8530 **Dwarf Sorts.** ½ oz. pkts., with full directions..... Each 20c., oz. 35c., 4 ozs. $1.00, lb. $3.00.
8535 **Tall Sorts.** ½ oz. pkts., with full directions..... Each 20c., oz. 35c., 4 ozs. $1.00, lb. $3.00.

GREY'S COLLECTION OF FLOWER SEED

FOR SUMMER HOMES

In response to the numerous inquiries, "What can I plant at my Summer home that will give me a good display through the season and flowers to cut for the house," we have made up the following collection which has given great satisfaction to our customers. The quantity is sufficient for a large garden and price $2.25, postpaid.

1 oz. Sweet Peas, Columbia mixture; 1 oz. Tall Nasturtiums, special mixture; ½ oz. wild garden mixture, and a pkt. of each of the following: Sweet Alyssum, Asters, Bachelor's Buttons, Chrysanthemum, Clarkia, Coreopsis, Chinese Pinks, Eschscholtzia, Gaillardia, Godetia, Miniature Sunflower, Bar Harbor Marshmallows, Lupins, Marigold, Mignonette, Nicotiana, Shirley Poppies, Scabiosa, Zinnia.

ORNAMENTAL GRASSES

For borders and ornamental gardening; also, when dried, for Winter bouquets and decorations, for which purpose they should be gathered before fully matured.

No.		Pkt.
8540	**Finest Mixed.** In great variety, for bouquets.....	$0.10
8545	**Avena sterilis** (Animated Oats). Annual. 1½ ft.....	.10
8550	**Arundo donax variegata.** Variegated foliage; half-hardy perennial. 7 ft.....	.10
8555	**Briza maxima** (Quaking Grass). Annual. 1 ft.....	.10
8560	**Bromus brizæformis.** Drooping; annual. 1½ ft.....	.10
8565	**Coix lachryma** (Job's Tears). Striped leaves; annual. 2 ft.....	.10
8570	**Eulalia Japonica zebrina.** Beautiful variegated leaves, with yellow bars running crossways; half-hardy perennial. 5 ft..	$0.10
8575	**Gynerium argenteum** (Pampas Grass). Large, silvery plume; half-hardy perennial. 10 ft.....	.10
8580	**Hordeum jubatum** (Squirrel's Tail). Annual. 2 ft.....Oz. 50c.	.10
8585	**Lagurus ovatus** (Hare's Tail). Annual. 1 ft.	.10
8590	**Pennisetum Rupellianum.** Beautiful crimson-purple plumes, from Spring-sown seed.....¼ oz. 35c.	.10
8595	**Stipa elegantissima** (Feather Grass). 2 ft.....¼ oz. $1.00	.15

PALMS, FERNS AND DECORATIVE PLANTS

Unless otherwise directed we ship all this class of plants by express, as we consider it much more safe, and the principal express companies charge 20 per cent. less than their regular merchandise rates on plants packed in covered boxes or crates.

Kentia

ALLAMANDA Hendersoni. A strong-growing greenhouse climber producing numerous large golden-yellow flowers; suitable for covering a trellis or the supports of a conservatory. $1.50 and $2.50 each.

ARALIA. Handsome foliage plants for conservatory decoration.

elegantissima. $2.25 and $2.75 each.

Veitchii. Dark green narrow leaflets, red underneath. $1.25 and $2.00 each.

Veitchii gracillima. Very graceful foliage. $2.25 and $2.75 each.

ASPARAGUS plumosus nanus (Asparagus Fern). Bright green, delicate foliage. 25c. and 35c. each; $2.50 and $3.50 per doz.

Sprengeri. Excellent for the window box, hanging baskets and for cutting. 20c. and 30c. each; $2.00 and $3.00 per doz.

ASPIDISTRA. A decorative plant well suited for shady nooks and places away from the light; will succeed where other plants fail.

lurida. Long green leaves. $2.25 to $5.00 each.

lurida variegata. Green and white striped foliage. $2.25 to $5.00 each.

BEGONIA Gloire de Lorraine. Of all the Winter-blooming plants this variety is the most lavish in its production of flowers. The flowers are of a bright, salmon-rose color, growing in large, gracefully drooping panicles. June and July delivery. 2¼-in. pots $3.00 doz., 3½ in. pots $4.00 doz.

Rex. Beautiful, ornamental foliage. 15c. to 50c. each.

CROTONS. Beautiful and rich colored foliage, for conservatory decoration. exhibition and bedding. Leading varieties. $1.00 to $5.00 each.

CYPERUS alternifolius (Umbrella Plant.). Fine for house culture when liberally supplied with water. 25c. and $1.00 each.

DRACÆNAS. Excellent decorative plants for house and conservatory.

fragrans. Broad, dark green foliage. 75c. and $1.50 each.

Godseffiana. Rich, dark green, with creamy white spots. 75c. and $3.00 each.

indivisa. Long, narrow foliage used in vases, etc. 50c. to $1.50 each.

Lindeni. Broad, green foliage, with golden yellow stripes on the edges. $2.00 to $4.00 each.

Massangeana. Like preceding, with stripe through the center of leaf. 75c. to $3.00 each.

terminalis. Rich red foliage, marked with pink and white. $1.00 and $3.00 each.

FERNS. We have an immense quantity of nice, bushy plants in fine varieties for filling dishes. $1.25 per doz., $8.00 per 100.

Adiantum. In leading sorts. 2¼-in. pots, $1.50 per doz.; 3-in. pots, $2.00 per doz.; 4-in. pots, 50c. each.

Pteris. In best varieties. 2¼-in. pots, $1.50 per doz., $8.00 per 100; 3-in. pots, $2.00 per doz., $10.00 per 100; 4-in. pots, 50c. each.

Nephrolepis (Sword Fern). In following varieties: **Bostoniensis, Piersoni, Scottii, Whitmani.** 50c. to $2.00 each.

FICUS (Rubber Plant). Extensively used in house decoration.

elastica. The common Rubber Plant. $1.50 to $3.50 each.

pandurata. New, with beautiful foliage. $1.50 to $3.00 each.

MARANTA. Fine decorative plants, with beautiful variegated foliage.

Various Sorts. 25c. and 50c. each.

We can supply many other varieties of greenhouse plants not listed in this catalogue. Prices on request.

PALMS

KENTIAS, Belmoreana and **Forsteriana.** These are considered the hardiest palms and best adapted to house culture. The foliage is rich dark green and of spreading habit. 4-in. pots, $1.00 each; 5-in. pots, $1.50 each; 6-in. pots, $2.50 each; 7-in. pots, $3.75 each; 8-in. pots, $7.00 to $10.00 each.

COCOS Weddelliana. The most elegant and graceful of all the palms, the smaller sizes being excellent for fern dishes. 2¼-in. pots, 25c. each; 3-in. pots, 40c. each; 6-in. pots, $2.00 and $2.50 each.

LATANIA Borbonica. Popular fan-leaved variety. 4-in. pots, 50c. each; 6-in. pots, $1.00 each; 7-in. pots, $1.75 each; 8-in. pots, $3.00 each; 9-in. pots, $4.00 each.

PHŒNIX Canariensis (Date Palm). Dark green feathery foliage. $5.00 each.

Roebelenii. Most graceful variety. 5-in. pots, $2.00 each; 6-in. pots, $3.00 each.

SUMMER-FLOWERING BULBS AND TUBEROUS ROOTS

ACHIMENES

One of the finest Summer blooming plants for house or conservatory, giving handsome flowers of many shades and colors.

Named Varieties. $2.00 per doz., $15.00 per 100.
Mixed Varieties. $1.35 per doz., $10.00 per 100.

ACIDANTHERA BICOLOR

Valuable Cape bulbs growing about 2 ft. high, with graceful flower stalks, each stalk having from four to eight beautiful creamy white, fragrant flowers, with a purple-maroon blotch at the base of the petals. Best results will be had by planting in the open ground about June 1, where they bloom freely during August and September. Treat like Gladioli. 10c. each, $1.00 per doz.

AMARYLLIS

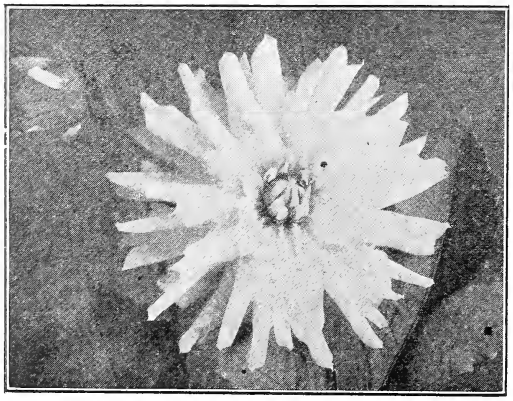
These are the best suited for pot culture, and when established they should bloom every year; after blooming they make their growth and should have occasional waterings with liquid manure till about September, when they should be allowed to rest and given very little water. A soil composed of loam, leafmold, and sand should be used and good drainage given.

Belladonna major. Silvery white, flushed with rose; beautiful and fragrant. 35c. each, $3.50 per doz.
Hippeastrum Hybrids (Vittata). Large flowered varieties with striped petals. $1.00 each, $10.00 per doz.
Halli (Lycoris squamingera). Hardy variety with fragrant rosy lilac flowers in August, foliage produced in Spring disappears in June. 25c. each, $2.50 per doz.
Zephranthes rosea (Fairy Lily). Beautiful rose pink. 10c. each, $1.00 per doz., $7.50 per 100.
alba (White Fairy Lily). Pure white. 10c. each, $1.00 per doz., $7.00 per 100.

BEGONIA, Tuberous-Rooted

The distinctive features of this strain are the dwarf, sturdy habit and erect flower stem, circular-shaped flowers of large size and rich colors, which for either private or exhibition purposes are superior to any strain offered.

Single. Deep red, pink, salmon, scarlet, white, yellow, 35c. each, $3.50 per doz.
Double. White, rose, yellow, scarlet. 40c. each, $4.00 per doz.
Crispa. White, yellow, pink, scarlet, crimson. Each 40c., doz. $4.00.



CALLA LILY, Richardia

An old favorite and too well known to need any description. The only requisites for successful culture are rich soil and plenty of water when growing. By allowing them to rest through the Summer an abundance of bloom may be had the following Winter.

Elliottiana. Clear, deep canary yellow; the best yellow variety. 50c. each, $5.00 per doz.
Spotted Leaf. Excellent for bedding. 25c. each, $2.25 per doz., $18.00 per 100.

CANNA, Dormant Roots

A class of plants for grand effects. Their rich and varicolored leaves, combined with large and beautiful flowers of brilliant colors, make them very desirable for planting in groups on the lawn, or singly in beds. Keep the roots in a warm, dry place through the Winter.

Robusta. Very dark foliage; robust grower, 6 to 8 ft. 15c. each, $1.50 per doz.
Large Flowering French, Mixed. Finest varieties. 15c. each, $1.50 per doz.

CALADIUM ESCULENTUM

One of the most beautiful of the ornamental foliaged plants, either for culture in pots, or planting out on the lawn. They will grow in any good garden soil, and are of the easiest culture. The foliage is light green, veined with dark green, and the immense leaves are 3 to 4 ft. long by 2½ ft. wide.

Mammoth Bulbs. 4 in. and over in diameter. 35c. each, $3.50 per doz.
Extra Large Bulbs. 3 to 4 in. in diameter. 20c. each, $2.00 per doz.
First Size Bulbs. 2 to 3 in. in diameter. 15c. each, $1.50 per doz.
Fancy Leaved Caladiums, Standard Sorts. 30c. each, $3.00 per doz. **Newer sorts.** 50c. each, $5.00 per doz.

CINNAMON VINE

(Dioscorea Batatas, or Chinese Yam)

A Summer climber, with handsome, glossy foliage; flowers possessed of a delicate, cinnamon perfume; the root is hardy in deep, light soils. Large and selected roots. Each 15c., doz. $1.00.

DAHLIAS

Special Dahlia Catalog mailed on application

We are agents for one of the largest and best growers of Dahlias in the East. A descriptive catalogue with prices of all new and up-to-date sorts, as well as older varieties, with directions for culture and treatment, will be mailed to all of our customers who apply.

GLOXINIA, LARGE FLOWERED

Magnificent for house or. conservatory, producing in great profusion flowers of the richest and most beautiful colors. They succeed best in sandy loam and peat, and require a moist heat.

		Each	Doz.
Blue Shades	**Mixed**	$0.50	$5.00
Red Shades			
White			
Spotted			

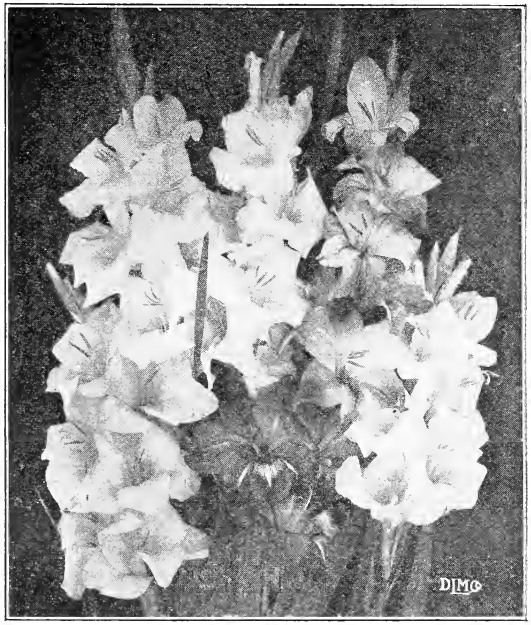
HYACINTHUS CANDICANS

A magnificent species, with flower stems 3 ft. high, bearing large, pure white flowers in July and August. It is perfectly hardy. Extra large bulbs, $1.25 per doz., $9.00 per 100.

GLADIOLUS

Of Summer blooming bulbs for general garden decoration the Gladioli are deserving of special attention. Requiring but little room for growth, they are exceedingly useful for planting among shrubbery, while for massing in large beds, where a brilliant and effective display is desired, they are invaluable. They succeed best in good loam, enriched with well rotted manure. Bulbs should be planted about 3 inches deep and 6 inches apart.

	Doz.	100	1000
Amateur Mixture. The most satisfactory mixture to grow, being selected from collections of the best hybridizers and growers of both continents with a view of eliminating all colors which do not harmonize either in cut flowers or garden planting	$0.85	$6.50	$57.00
Home Garden Mixture. A superior strain unlimited as to size, color and markings	.50	3.50	30.00
Giant Varieties (Childsi). A magnificent mixture with enormous flowers of beautiful, rich colors	.75	5.50	45.00
Groff's New Hybrids, Mixed. Large size, the most delicate and brilliant colors and markings	.75	5.00	40.00
America. Soft lavender pink; one of the finest ever sent out	.50	3.50	32.00
Augusta. A lovely white variety with blue anthers	.85	5.00	
Baron Hulot. Deep violet-blue, one of the finest	1.50	10.00	
Brenchleyensis. Vermilion scarlet, best for massing	.60	4.50	40.00
Crimson Glow. A beautiful scarlet, very large flowers of finest form	1.75		
Dawn. Beautiful coral pink with delicate feathering in throat; large, open flowers	1.75		
Empress of India. A rich, dark velvety red, rare and beautiful color	1.35	9.00	
Evelyn Kirtland (New). A very strong, tall variety, a beautiful shade of rosy pink shading from shell pink at center to dark rose at edge; lower petals blotched with scarlet	1.75	12.00	
E. J. Shaylor. A beautiful deep rose-pink; tall plant and fine blooms	2.50		
Flora. Soft, canary without blotch. Large spikes and fine keeper	1.50	10.00	
Glory of Holland. Large, pure white, wide open flower, with slight pink tint	1.50	9.00	
Harvard. Long, graceful spike of large open flowers and a real Harvard crimson in color	1.50	10.00	
Halley. Very large, lovely salmon pink; the lower petals have yellow blotch with carmine markings	.60	4.00	
Herada (New). A large, tall variety of a pure, glistening mauve	1.50		
Lily White. A fine, snow-white, of good height and large blossoms	1.25	9.00	
Mrs. Dr. Norton. A pure white, with tips of petals La France pink. Finest variety of this type	2.50		
Mrs. Watt. Brilliant wine color, fine decorative variety	1.10	7.00	



Gladiolus, Amateur Mixture

	Doz.	100	1000
Mrs. Frank Pendleton. New, large salmon pink, with blood-red blotch at throat	$1.10	$7.00	
Mrs. Francis King. Immense flowers of a flame pink or light scarlet	.50	3.50	$32.00
Nora. Rosy-lavender, with wine-red blotch on lower petals. Good spike	1.25	8.00	
Panama. Improved America. A much deeper and larger pink	1.20	7.50	
Peace. Pure white, with delicate lilac feathering, strong grower	1.20	7.50	
Red Emperor. Enormous flowers, glowing scarlet red. Very showy	1.50	10.00	
Schwaben. Soft pure yellow with small dark spot in throat. Extra	1.10	7.00	
War. Deep blood-red, shaded crimson black; tall and fine	1.50		
White City. Large flowers and a vigorous grower, buds tinted pink and white as Europe when open	1.75	12.00	

PRIMULINUS HYBRIDS MIXED

Ranging in color through all the shades of yellow and orange. These delicate and gracefully arranged flowers, on long, slender spikes are most exquisite in artistic decorations and are very popular. Doz. 75c., 100 $5.00.

Alice Tiplady. A soft, coppery bronze. The Queen of the Primulinus type. Doz. $1.75.

Dorothy Wheeler. Superb shade of pink, with form of Alice Tiplady. Fine forcer. Doz. $2.50.

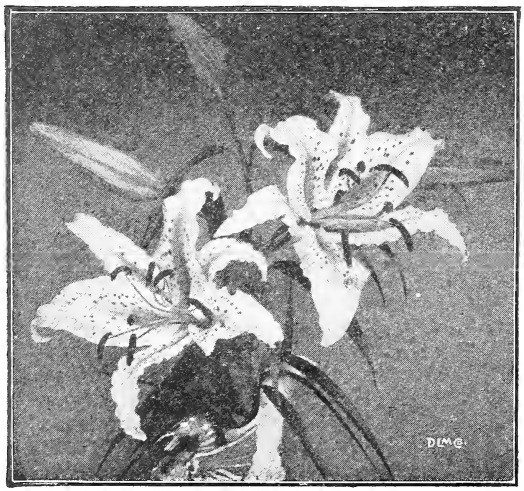
Maiden's Blush. Blush pink, with finely formed flowers. Free flowering and very early. Doz. $1.50.

Souvenir. Tall stemmed, deep yellow variety, four to six open at same time. Good keeper and early. Doz. $3.75.

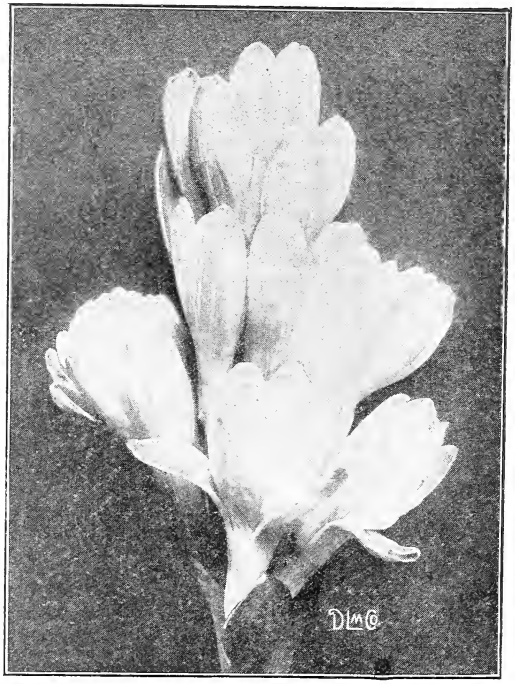
LILIES

In the flower garden Lilies rank first in impo rtance. They are stately and beautiful, matchless in form and variety of color, while possessing the most agreeable perfume, and for general effect they have no rivals. Bulbs should b e planted 6 in. deep in a well-drained, deep, loamy soil made rich with thoroughly rotted manure, and an inch of clean sand plac ed under and over the bulbs when setting.

	Each	Doz.	100
Auratum (Golden-rayed Lily of Japan). Large, pure white flowers, with crimson spots and a golden band through the center of each petal. 2 to 4 ft. high, blooming from July to October. Large bulbs	$0.50	$5.00	$40.00
Batemanniæ. Clear, bright apricot color; one of the best. 3 to 4 ft. July and Aug	.60	6.00	
Brownii. Trumpet-shaped; ivory-white inside and purplish brown outside. 2 to 3 ft. June and July	1.00	10.00	
Excelsum. Fine light yellow; beautiful and fragrant. 4 to 5 ft. June and July	cannot supply		
Krameri. Light pink; very fragrant and beautiful. 3 ft. July	.40	4.00	
Longiflorum (Japan-grown). Pure white; trumpet-shaped. 2 ft. June	.50	5.00	40.00
Speciosum album. Large, fragrant, pure white	.60	6.00	48.00
Speciosum magnificum. Rich red, heavily spotted; much larger and richer colored than the other varieties	.60	6.00	48.00
Speciosum Melpomene. White, shaded with rich blood crimson; heavily spotted	.60	6.00	48.00
Speciosum rubrum, or **roseum.** White, shaded and spotted rosy crimson; fragrant	.60	6.00	48.00
Tigrinum splendens (Tiger Lily). Orange salmon, spotted; the finest form. Mammoth bulbs	.25	2.50	20.00
Tigrinum fl. pl. (Double Tiger Lily)	.25	2.50	20.00



Lilium speciosum



Tuberose

LILY OF THE VALLEY

(Convallaria)

Grey's Perfect Forcing Pips. The finest grade of pips that come to this country and especially selected for our large, private trade, which demands only the best for forcing throughout the year. **We carry these in cold storage and can furnish them at any time.** Three to four weeks are usually allowed for forcing cold storage pips into flower. Per case of 250, $15.00.

Grey's Perfect Planting Pips. These are of the same excellent quality as our forcing pips, and are without an equal for outdoor planting, producing strong spikes with 10 or 15 extra large, pure white bells. Ready December 1st. $8.00 per 100.

MADIERA VINE

A rapid climbing plant, with beautiful, wax-like, light green leaves and feathery white flowers, with a delicious fragrance resembling Mignonette. The culture is simple, the roots need but to be planted and a trellis or strings given the vine to climb on. 8c. each, 85c. per doz., $6.00 per 100.

MONTBRETIA

One of the best and brightest Summer flowering bulbs, sure of becoming firm favorites wherever grown. Planted in clumps from April to June they produce numerous graceful spikes of brilliant star-shaped flowers. Hardy with protection.

crocosmæflora. Scarlet and yellow. 60c. per doz., $4.50 per 100.

George Davison. Strong, growing, large orange-yellow. 85c. per doz., $6.50 per 100.

TUBEROSE

A bulbous plant of the easiest culture and most delightful fragrance, suitable for the Summer garden or house culture throughout the year. They should be started early in pots, using good, rich, loamy soil, and when the weather is suitable, transplanted into the garden. The variety offered is the one most extensively grown, being much superior to all other sorts.

Excelsior Pearl. A superior strain, with very large double white flowers, produced in great abundance. Extra strong roots. $1.00 per doz., $7.00 per 100.

Montbretia

AQUATICS

The cultivation of aquatics is of the simplest; their requirements are sunshine, water and plenty of rich soil. They are divided into two classes, hardy and tender; the former may be planted in ponds, lakes or sluggish streams, early in the Spring, and, under the same conditions as our native Water Lily, they will grow luxuriantly and flower profusely the entire season; provide the same conditions in artificial ponds or tanks, and the results will be equally satisfactory. Plant the tender varieties at the approach of warm weather and when the water is warm. The plants can be grown in pots where protection can be afforded them until safe to transfer to Summer quarters. The after-treatment is the same as for the hardy varieties. When grown in tubs, only the moderate growers should be selected. In storing in tubs through the Winter, they should be kept where it is not warm enough to excite growth or so cold as to freeze.

HARDY VARIETIES

Dormant tubers of Nelumbiums can be supplied only from May 1 to June 15, after which date only such varieties as we can furnish in pots should be planted.

Tubers, each

Nelumbium Kinshiren. White, shaded pink, free-flowering and early.....Pot plants $3.50 $2.50

kermesinum. Satiny carmine-rose..... Pot plants $3.00 2.00

luteum (American Lotus). Rich sulphur-yellow. Pot plants $3.00 2.00

speciosum (Egyptian or Sacred Lotus). Perfecly hardy. Rose-pink, very fragrant..... Pot plants $3.00 2.00

album grandiflorum. A grand white variety... Pot plants $3.00 2.00

Nymphæa alba candidissima. Large white variety of the English Water Lily..... 1.25

odorata. The well-known, white, fragrant pond lily.....Doz. $5.00 .50

Tuberosa rosea. Flowers of an exquisite shade of pink, 4 to 5 inches across, standing well out of the water..... 1.00

Laydeckeri lilacea. Soft, rosy lilac, tea rose fragrance..... 2.50

Laydeckeri purpurata. Rich, rosy crimson with orange-red stamens..... 2.00

Marliacea albida. Large flowers of sparkling whiteness, sepals flushed pink, fragrant..... 1.00

Marliacea chromatella. A strong grower; flowers 4 to 6 inches across; bright canary-yellow. 2.00

Tubers, each

Nymphæa pygmæa Helvola. A yellow, pigmy Water Lily; free-flowering..... $1.00

William Falconer. One of the finest dark-red hardy Water Lilies. Flowers 5 to 6 in. diam. 5.00

TENDER VARIETIES. We can furnish other varieties not listed

Nymphæa Capensis. Rich sky-blue; 6 to 8 inches across..... 1.00

Gracilis. Large white flowers, 6 to 8 inches across with deep yellow stamens..... 2.00

Devoniensis. Brilliant rosy red; very large..... 1.00

dentata. Large white, with long-pointed buds 1.00

rubra rosea. Rosy carmine; 8 to 10 inches across 1.00

Wm. Stone. Large, rich, violet blue with yellow centre, stamens purple..... 2.00

Zanzibarensis rosea. Deep rose color..... 1.00

Water Hyacinth (Eichhornia crassipes Major). Floats on the surface of the water, and produces fine spikes of light, rosy lilac orchid-like flowers. Doz. $2.50 .25

Water Poppy (Limnocharis Humboldtii). Flowers clear yellow; Poppy-like.....By mail 30c. .25

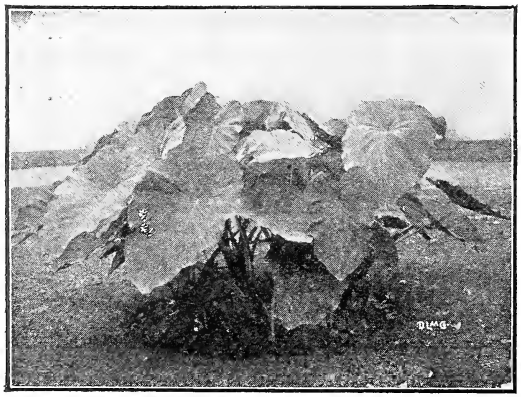
Water Snowflake (Limanthemum Indicum). Leaves from 3 to 5 inches across; the flowers are white; the upper surface of the petals is covered with a delicate fringe.....Doz. $2.50 .25

Parrot's Feather (Myriophyllum proserpinacoides). Very graceful; its long, trailing stems are clothed with whorls of the most exquisite foliage.....By mail 20c., doz. $2.50 .25

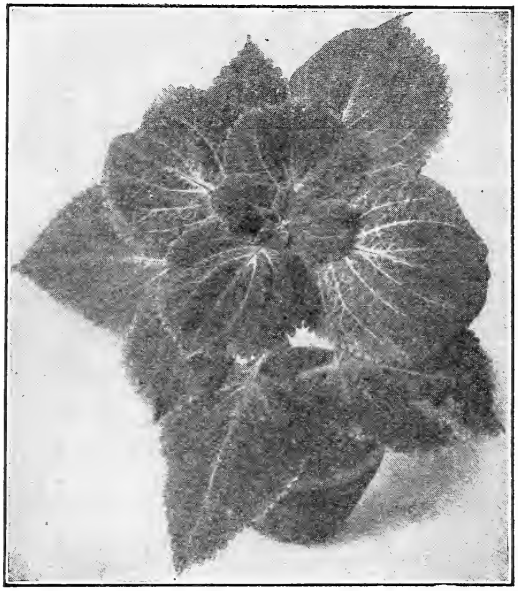
Foliage and Flowering Plants

FOR SUMMER BEDDING

	Doz.	100
Abutilon	$3.00	$25.00
Alternanthera, Dwarf Scarlet	1.50	10.00
Alternanthera, Dwarf Yellow	1.50	10.00
Achyranthes. Bright crimson	1.75	12.00
Achyranthes. Green and white	1.75	12.00
Ageratum. Blue or white	2.00	15.00
Alyssum, Double White	1.50	10.00
Alyssum, Single White	1.25	9.00
Antirrhinum (Snapdragon), Assorted	2.00	15.00
Asters. Assorted colors. Double	.75	6.00
Asters, Double White	.75	6.00
Begonia, Gracilis	2.00	15.00
Begonias. In variety	2.00	15.00
Caladium esculentum	3.50	25.00
Calendula. Orange King	1.75	13.00
Cannas, Dwarf Large-flowering	2.75	22.00
Canna robusta. Tall; dark foliage	2.75	22.00
Carnations for Summer-flowering. Strong plants out of 3-inch pots and the best sorts for this purpose only furnished	2.50	18.00
Centaurea candidissima	1.75	12.00
Centaurea gymnocarpa	1.75	12.00
Chrysanthemums. Our collection of these beautiful Fall-blooming plants embraces the best of the old and newer introductions	2.50	
Cobæa scandens	2.75	22.00
Coleus. Fine varieties	1.50	10.00
Cosmos. Early flowering	2.00	15.00
Daisy, Double English. Assorted	1.00	8.00
Daisy, Paris Golden. Single yellow	3.50	25.00
Daisy, Paris White. Single white	3.50	25.00
Feverfew, Double White	2.00	15.00



Caladium esculentum



Coleus

	Doz.	100
Feverfew, Golden Feather	$1.50	$10.00
Fuchsias. In variety	2.25	15.00
Geranium, Double Varieties	2.75	22.00
Geranium, Single Varieties	2.75	22.00
Geranium, Ivy-leaved Sorts	2.75	22.00
Geranium. Variegated foliage	2.75	22.00
Heliotropes. Dark and light	2.50	18.00
Hollyhock, Double. Assorted	2.50	18.00
Hollyhock, Single. Assorted	2.50	18.00
Lantanas. In variety	2.00	15.00
Lobelia. Dark blue, for bedding	1.50	10.00
Marigold. Dwarf French	1.50	10.00
Mignonette, Large-flowered	2.00	15.00
Nasturtium, Dwarf. Assorted	1.50	10.00
Pansy. Special strain, extra choice	.85	6.00
Petunia, Double. Assorted colors	1.75	12.00
Petunia, Single. Assorted colors	1.50	10.00
Phlox Drummondii. Assorted	1.50	10.00
Ricinus (Castor Oil Bean)	2.00	15.00
Salvia splendens. Best scarlet	2.00	15.00
Verbenas. Assorted colors	1.50	10.00
Verbena. Lemon-scented	2.25	16.00
Vinca alba and rosea (Flowering Vinca)	1.75	12.00
Vinca Variegata (Periwinkle). Trailing	3.00	20.00
Zinnia, Columbia Prize. Assorted	1.50	10.00

Many other varieties not mentioned in this list can be furnished at regular prices

Select List of Hardy Perennial Plants

We would recommend those who have never undertaken the culture of hardy plants to commence with a few varieties most easily grown, and gradually increase their collections from season to season, and, our word for it, it will lead to a confession that there is nothing in the way of bedding-out or ribbon gardening which can compare in any way to the beauty and refined charm of this class of plants. We can furnish a good selection of hardy plants, which may be expected to give successional bloom throughout the Spring, Summer and Fall months, and, if the choice is left to us, will take special care to select such varieties as afford the most satisfactory results.

Our connections with the best and leading nurseries at home and abroad put us in a position to furnish the very best of all hardy nursery stock. We also furnish estimates on the laying out, planting and improvement of private estates, and furnish experienced gardeners to carry out the work. We shall be pleased to correspond with those contemplating improvements or planting hardy stock of any sort.

Any sorts not listed can be furnished at lowest prices

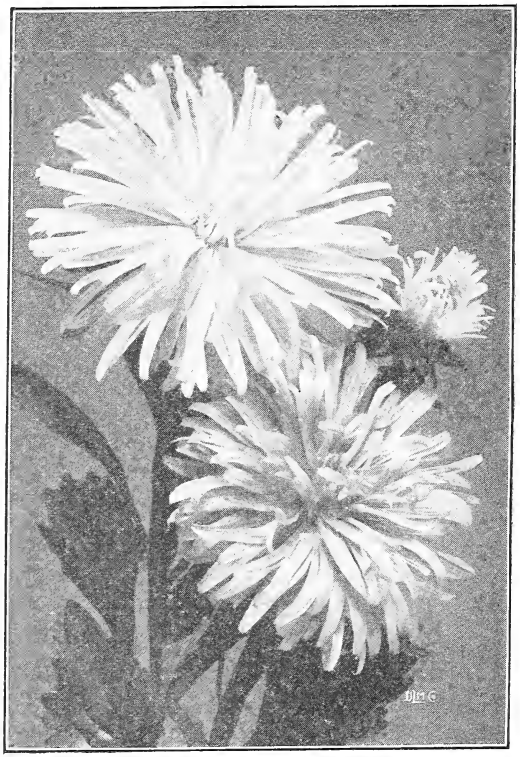
	Each	Doz.
ACANTHUS (Bear's Breech). A distinct class of plants with strong, broad foliage.		
mollis. 3 ft. Deep-toothed, heart-shaped leaves. July and August	$0.35	$3.50
ACHILLEA (Milfoil or Yarrow).		
Ægyptica. 20 in. Flowers yellow, silvery fern-like foliage. July to Oct	.30	3.00
ptarmica fl. pl. var., The Pearl. Double white flowers, most useful for cutting. June to Oct	.30	3.00
millefolium roseum. 18 in. Broad, flat heads of pink flowers. July to Oct	.30	3.00
ACONITUM (Monk's Hood). A stately group of plants for borders and shady places.		
autumnale. 4 ft. Deep blue flowers. October	.50	5.00
bicolor. Blue and white. 4 ft	.40	4.25
Napellus. 3½ ft. Dark blue. July to Sept	.35	3.50
Fischeri. 18 in. Dwarf; light blue. Sept. to Oct	.40	4.00

	Each	Doz.
ACTÆA Spicata Alba (Baneberry). A choice hardy plant having dense spikes of pure white flowers followed by white berries. June and July	$0.30	$3.00
Spicata rubra. Same as above but having bright red berries	.30	3.00
AGROSTEMMA (Rose Campion). Excellent and showy plants for borders.		
coronaria. 2 ft. Single white flowers. June to Aug	.30	3.00
Flos-Jovis. 2 ft. Single bright rose-colored flowers. June to July	.30	3.00
AJUGA reptans (Bugle Plant). 6 in. Blue. Excellent for rockwork, covering banks and shady places. May	.30	3.00
genevensis	.30	3.00
metallica var crispa. A variety with curled, glossy blue flowers	.35	3.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Hardy Perennial Plants—Continued

	Each	Doz.
ALYSSUM saxatile compactum (Basket of Gold), 1 ft. A grand plant for the rockery or border. April to June	$0.35	$3.50
ANCHUSA Italica, Dropmore Variety. 3 to 4 ft. A lovely shade of gentian blue, and blooms the entire season	.30	3.00
ANEMONE japonica rubra (Windflower) 2 to 3 ft. Flowers of medium size, color rose; stamens yellow. Sept. to Nov	.30	3.00
japonica alba. 2 to 3 ft. Flowers large, white. One of the best. Sept. to Nov	.30	3.00
japonica, Lady Ardilaun. 2 ft. The finest white. Aug. to Oct	.30	3.00
japonica, Prince Henry. 2 to 3 ft. Large very double, free-flowering; deep pink flower. Aug. to Oct	.30	3.00
japonica, Queen Charlotte. 2 ft. Large, semi-double, silvery pink. Sept	.30	3.00
japonica, Whirlwind. 2 to 3 ft. Large, semi-double, pure white. Sept	.30	3.00
ANTHEMIS tinctoria (Golden Marguerite), 2 to 3 ft. Flowers lemon-yellow. Excellent for cutting. June to Oct	.30	3.00
tinctoria, var. Kelwayi. Flowers deeper yellow	.30	3.00
AQUILEGIA (Columbine). Every garden should have these in its collection.		
californica hybrida (California). 2 ft. Beautiful colors. May to July	.30	3.00
canadensis (Wild Honeysuckle). 18 in. Scarlet and yellow. April to June	.30	3.00
chrysantha (Golden). 2 to 3 ft. Yellow long-spurred flowers. May to Aug	.30	3.00
Skinneri. 2 ft. Yellow with long red spurs. June to Sept	.30	3.00
vulgaris. 2 to 3 ft. Deep blue	.30	3.00
vulgaris alba. 2 to 3 ft. Pure white	.30	3.00
flore plena mixed vars. Double Columbine	.30	3.00
flore plena alba. Double flowered white Columbine	.30	3.00
ARABIS alpina (Rock Cress). 6 in. One of the finest early white Spring-flowering plants. For rockwork and borders. April to June	.30	3.00
ARMERIA cephalotes rubra (Thrift, or Sea Pink). 1 ft. Round head of bright pink flowers on a long stem. June to Sept	.30	3.00
formosa rosea	.30	3.00
maritima. 6 in. Grass-like foliage with deep rose flowers. June to Sept	.30	3.00
alba	.30	3.00
ASCLEPIAS tuberosa (Butterfly Weed). One of the showiest of our native flowers; brilliant orange. June to July	.30	3.00
ASTER (Michælmas Daisies). These are our most showy Fall flowers.		
Climax. Light lavender blue	.30	3.00
Feltham. Blue with yellow center	.30	3.00
novæ-angliæ. 4 ft. Bright violet-purple	.30	3.00
novæ-angliæ alba. 4 ft. Pure white	.30	3.00
Novelty. 2 ft. Deep pink	.30	3.00
Perry's Favorite. Bright rose	.30	3.00
spectabilis, Nenco. 3 ft. Deep lavender, 2 in across; excellent	.30	3.00
White Queen. 4 ft. Large white	.30	3.00
BAPTISIA australis (False Indigo). 2 ft. Long racemes of dark blue flowers. June to July	.30	3.00

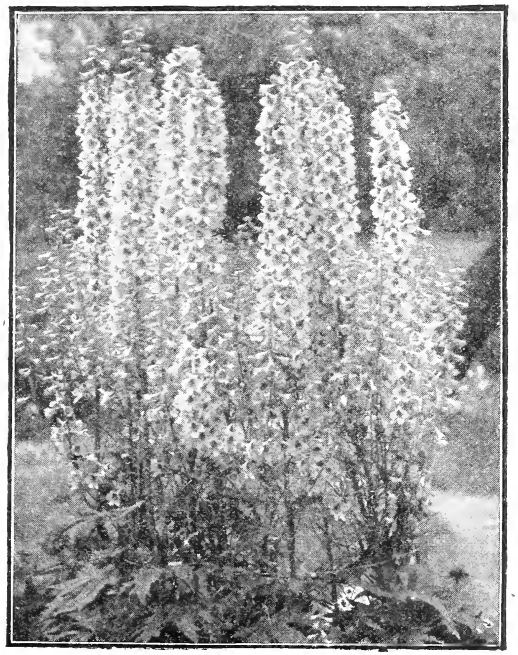


Asters

	Each	Doz.
BOLTONIA asteroides (False Chamomile). 5 to 6 ft. Fine late-flowering perennials. Aster-like white flowers. Aug. to Sept.	$0.30	$3.00
latisquama. 4 to 5 ft. Flowers clear lavender, fine for cutting	.30	3.00
BUPHTHALMUM salicifolium (Ox-eye). 1½ ft. Yellow	.30	3.00
CAMPANULA carpatica. 9 in. Erect blue flowers, useful for edgings. June to Sept.	.30	3.00
carpatica alba. 9 in. Pure white	.30	3.00
Medium (Canterbury Bells). 3 ft. Biennial. Flowers blue, white and rose. Separate colors	.30	3.00
Medium calycanthema. Biennial. Flowers blue, rose and white, separate colors.	.30	3.00
persicifolia. Peach-leaved. 2 ft. Blue. June to Aug	.30	3.00
persicifolia alba. 2 ft. White. June to Aug	.30	3.00
pyramidalis (Chimney Bell Flower). 4 ft. Blue. July to Sept	.30	3.00
rotundifolia (Blue Bells). 1 ft. Blue	.30	3.00
Trachelium (Coventry Bells). 3 ft. Purple; one of the best. June to Aug	.30	3.00
CARYOPTERIS mastacanthus. (Blue Spiræa). 3 ft. Rich lavender blue. Sept. to Nov	.50	5.00
CASSIA marilandica (American Senna). 3 ft. Racemes of yellow flowers. July to Sept	.30	3.00

	Each	Doz.
CENTAUREA montana. 20 in. Large purple flowers. Fine for cutting. June	$0.30	$3.00
montana alba	.30	3.00
CERASTIUM tomentosum. 3 to 6 in. White	.30	3.00
Bierbersteinii (Snow in Summer)	.30	3.00
CHELONE Lyoni. 3 ft. Showy deep red flowers. Aug. and Sept.	.30	3.00
glabra (Shell flower)	.30	3.00
CHRYSANTHEMUM, Hardy. Flowering very freely in the Autumn, excellent for cutting and one of the last to be cut down by frost. Sept. to Nov. The following sorts:		
agrippina. Large double pink	.30	3.00
Autumn Queen. 2 ft. Rose pink	.30	3.00
Boston. Golden bronze	.30	3.00
Bridesmaid. 2½ ft. Delicate blush	.30	3.00
Charles Jenks. 2½ ft. White, changing to pink	.30	3.00
Davidiana. 2½ ft. Fine pink	.30	3.00
Goldfinch. 2½ ft. Golden yellow	.30	3.00
Golden Pheasant. 2½ ft. Golden orange	.30	3.00
Julia Lagravere. 2½ ft. Dark red	.30	3.00
Old Homestead. 2½ ft. Pink	.30	3.00
Victory. 2½ ft. White	.30	3.00
Victor. 2½ ft. Rosy crimson	.30	3.00
White Swan. 2½ ft. Clear white	.30	3.00
Yellow Queen. 2½ ft. Fine, clear yellow.	.30	3.00
Little Bob. 2 ft. Small, double bronze	.30	3.00
Mignon. 2 ft. Small, double yellow	.30	3.00
CHRYSANTHEMUM, Burbank's Shasta Daisy. 1½ ft. Large snow-white flowers; blooms all Summer	.30	3.00
Alaska. White	.30	3.00
californica. Yellow	.30	3.00
COREOPSIS. One of the best blooming all-Summer plants we have.		
grandiflora. 3 ft. Large yellow flowers.	.30	3.00
lanceolata. 2½ ft. Yellow flowers	.30	3.00
DELPHINIUM (Larkspur). Attractive group of perennials and a grand addition to the garden; by removing the first flower stems after the flowers are faded, a second crop will be thrown up.		
Belladonna. 3 ft. Sky bue	.35	3.75
Chinese. 2 ft. Gentian blue. Blooms all Summer	.30	3.00
Chinese album. 2 ft. White. Blooms all Summer	.30	3.00
Elatum. 4 ft. Violet blue flowers	.30	3.00
formosum. 3 to 4 ft. Rich dark blue	.30	3.00
formosum cœlestinum. 3 to 4 ft. Light blue	.30	3.00
Hybrid Seedlings. 3 to 4 ft. All colors.	.30	3.00
DIANTHUS (Garden Pinks). A valuable and showy border plant; single and double. Very fragrant and bloom from May to Aug.		
barbatus (Sweet William). 1 to 1½ ft. Mixed vars. June and July	.30	3.00
Pink	.30	3.00
Red	.30	3.00
White	.30	3.00
plumarius. 1 ft. Single; pink and white.	.30	3.00
Her Majesty. 1 ft. Double white	.30	3.00
Homer. 1 ft. Double rosy red	.30	3.00
Louisa M. Alcott. 1½ ft. Double deep		
Mrs. Sinkins. 1 ft., large. Pure white, fragrant	.30	3.00
Souvenir de Sale. 1 ft. Beautiful soft pink. Extra fine	.30	3.00

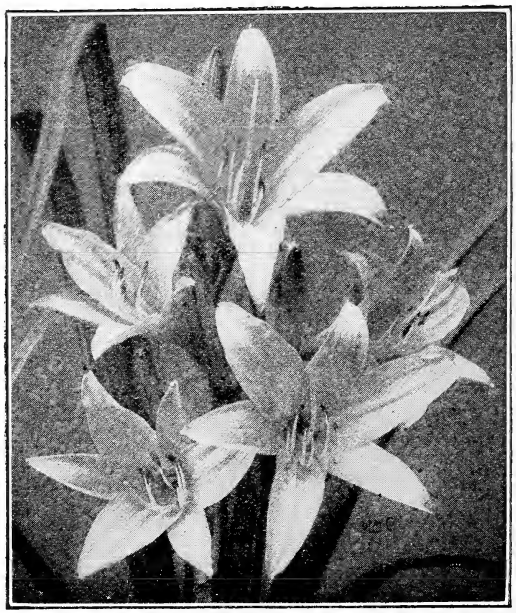
	Each	Doz.
DICENTRA, or **Dielytra** (Bleeding Heart).		
spectabilis. 2 ft. An old-fashioned favorite. May and June	$0.60	$6.00
DICTAMNUS fraxinella (Gas Plant). 2½ ft. Rosy crimson, fragrant foliage. May to July	.40	4.25
DIGITALIS (Foxglove). The broad foliage and showy spikes of bloom give a fine effect. June and July.		
grandiflora. 2½ ft. A yellow-flowered variety, hardy; fine for partial shade	.30.	3.00
gloxiniæflora. 3 ft. Spikes of beautiful flowers of various shades from purple to deep pink and white, with spotted throats.		
purpurea. 2½ ft. Purple	.30	3.00
purpurea alba. 2½ ft. White	.30	3.00
DODECATHEON Media (Shooting Star). 1 ft. Umbels of rosy purple flowers, resembling the Cyclamen. April to June.	.30	3.00
ECHINACEA purpurea (Coneflower). 3 ft. Strong growing plant with reddish purple flowers. Aug. to Sept.	.30	3.00
ECHINOPS Ritro (Globe thistle). Steel blue. 2½ ft.	.30	3.00
EPILOBIUM angustifolium (Willow Herb). 4 ft. Purplish rose; adapted for low ground; flowering nearly all Summer	.30	3.00
ERIANTHUS RAVENNÆ (Ravenna Grass) Tall, hardy ornamental grass	.30	3.00
ERYNGIUM amethystinum (Sea Holly). 2½ ft. Lovely amethyst blue flowers and finely cut spiny foliage; June to Sept.	.30	3.00
aquaticum (Button Snakeroot). 2 to 6 ft. White. June to Oct.	.30	3.00
EUPATORIUM ageratoides. (Thoroughwort). 3 ft. White flowers in dense heads; August and Sept.	.30	3.00
purpureum (Joe Pye Weed). 5 ft. Large heads of purple flowers. Aug. and Sept.	.30	3.00



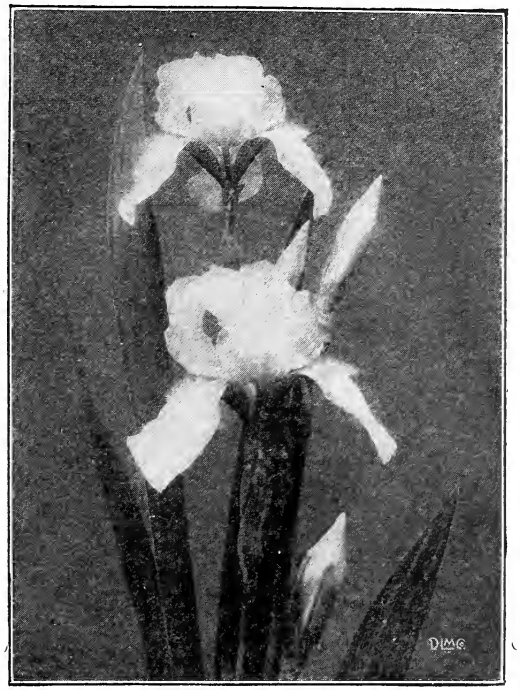
Delphinium

Gaillardia

	Each	Doz.
FERNS, HARDY. Can supply many hardy varieties	$0.30	$3.00
FUNKIA (Plantain Lily). A beautiful class of plants growing well in partial shade.		
grandiflora subcordata (White Day Lily). 2 ft. A pure white trumpet flowered and fragrant species. July to Sept	.50	5.00
lancifolia. 2 ft. Spikes of lilac flowers. June to Sept	.30	3.00
undulata variegata. 1 ft. Beautiful variegated foliage, flowers lilac	.30	3.00
GAILLARDIA grandiflora (Blanket Flower). 2 ft. Large crimson and gold; good for cutting. June to Nov	.30	3.00
GYPSOPHILA paniculata (Baby's Breath). 2 ft. An old-fashioned favorite; very useful, high-colored flowers. June to Aug.	.30	3.00
repens (Creeping Chalk Plant). 6 ft. Pale pink. June and July. Trailing in habit.	.30	3.00
HELENIUM autumnale rubrum. 5 ft. Reddish brown, Aster-shaped flowers; profuse bloomer. Aug. to Oct	.30	3.00
autumnale superbum. 5 ft. Immense heads of deep golden yellow flowers. Aug. to Oct	.30	3.00
var. Riverton Beauty	.30	3.00
var. Riverton Gem	.30	3.00
var. rubrum	.30	3.00
var. striatum	.30	3.00
Hoopesii. 3 ft. Orange-yellow flowers; June and July	.30	3.00
HELIANTHUS (Sunflower). These form a very important group of bold, showy Autumn flowering plants. Indispensable for large borders and woodland walks.		
decapetalus. 5 ft. Free flowering, clear yellow flowers. Sept. and Oct	.30	3.00
maximiliana	.30	3.00
mollis	.30	3.00
Miss Mellish. 6 ft. Large, single, golden yellow. Sept. and Oct	.30	3.00
multiflorus fl. pl. 4 ft. Deep yellow, double Dahlia-like flowers. One of the best for cutting. Protect in Winter. July to Oct	.30	3.00
HELIOPSIS Pitcheriana (Ox-Eye). 3 ft. Very desirable, blooming all through the Summer. Deep orange yellow	$0.30	$3.00
HEMEROCALLIS Day Lily). One of our most valuable flowers for the border; sweet scented.		
aurantiaca major. 3 ft. Brilliant orange yellow flowers; very large; from Japan. July and August	.35	3.75
flava. 3 ft. Golden yellow; very fragrant. May and June	.30	3.00
fulva (Tawny Day Lily). 2 to 3 ft. Orange. July and Aug. Handsome flowers	.30	3.00
Gold Dust. 2½ ft. Bright Indian yellow, reverse of petals bronzy gold. June and July	.30	3.00
gracilis	.30	3.00
Orange Man	.30	3.00
Thunbergii. 4 ft. Latest blooming variety. Rich yellow. July and Aug	.30	3.00
HESPERIS matronalis (Sweet Rocket). 3 ft. Fragrant purple flowers in spikes. One of the oldest garden flowers. June and July	.30	3.00
HEUCHERA sanguinea. 1½ ft. Graceful spikes of delicate coral red flowers. June and July	.30	3.00
HIBISCUS, Crimson Eye (Mallow). 4 ft. Large, pure white, with crimson spot in center. July and Aug	.30	3.00
moscheutos roseus. 4 ft. Showy pink flowers. July and Aug	.30	3.00
Marvel Mallows. 5 ft. Robust, upright habit, with abundance of enormous flowers in richest shades of pink, crimson and white	.35	3.50
HOLLYHOCKS. Finest double variety	.30	3.00
Double Fringed Alleghany. Mixed	.30	3.00
Finest Single Varieties	.30	3.00
IBERIS sempervirens (Candytuft). 1 ft. Evergreen foliage; good for borders. May and June	.30	3.00



Hemerocallis flava



Iris Germanica L'Innocence

IRIS Germanica (Garden Iris). They form a group unparalleled in beauty. Every shade of color may be found among them, and they will thrive in almost any soil or situation.

30c. each, $3.00 per doz., $18.00 per 100.

Canary Bird. Clear canary yellow.
Cœleste. Deep lavender; very large and free flowering.
Darius. Yellow; purple and lilac, margined primrose.
Duc de Nemours. Pale lilac, veined and margined white.
Flavescens. Cream; very fine. One of the best.
Florentina. Alba white. Fragrant and early.
Hector. Yellow and brownish red.
L'Innocence. Ivory white, crest rich golden.
Mme. Chereau. 3 ft. White, fringed with blue.
Purple King. Rich violet-purple.
Queen of May. Soft rose lilac, almost pink.
Silver King. Pure white; very large and fragrant.

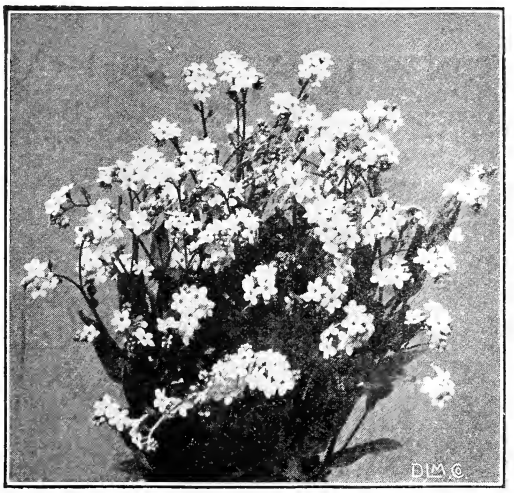
IRIS Kæmpferi (Japan Iris). These differ from the other Irises in having the blossoms broad and flat, like a Clematis; grows best in moist, rich soils.

35c. each, $3.50 per doz., $25.00 per 100.

Double Mixed.
Single Mixed.

	Each	Doz.
IRIS orientalis. 2 ft. Rich violet-blue. June and July	$0.30	$3.00
orientalis, Snow Queen. 2 ft. Pure white; very free and fine. June and July	.30	3.00
Pseudacorus. 4 ft. Fine foliage bright yellow; will grow well in ponds or border of water gardens. June and July	.30	3.00
pumila formosa. 9 in. Deep violet blue. Very dwarf; free bloomer	.30	3.00
sibirica. 3 to 4 ft. Foliage and flower stems slender, useful for cutting. June	.30	3.00
sibirica alba. 3 to 4 ft. Flowers white	.30	3.00

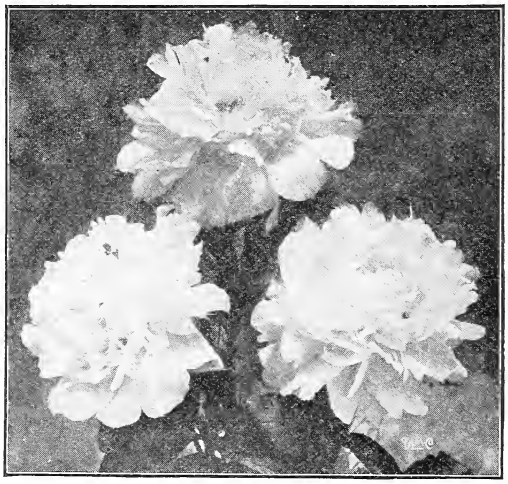
	Each	Doz.
LATHYRUS latifolius (Everlasting Pea). 5 ft. Flowers large, bright red. July-Aug	$0.30	$3.00
LAVANDULA vera. True lavender. 2 ft. Fragrant bluish flowers; foliage gray, with fragrance of lavender	.30	3.00
LIATRIS pycnostachya (Blazing Star). 4 ft. Showy spikes of rosy-purple flowers. July to Sept	.30	3.00
LILY OF THE VALLEY. Strong clumps. Doubtful if we can supply	.50	5.25
LINUM perenne. 18 in. Light blue flowers, which are produced all Summer	.30	3.00
flavum (Flax). 1 to 2 ft. Yellow. June to July	.30	3.00
LOBELIA cardinalis (Cardinal Flower). 3 ft. Cardinal red. Aug. to Oct	.30	3.00
LYCHNIS chalcedonica (London Pride). 3 ft. Brilliant heads of crimson flowers. June to Sept	.30	3.00
Haageana. 1 ft. A very showy perennial; brilliant scarlet. June and July	.30	3.00
viscaria splendens plena. 1½ ft. Double, bright rose. May to July	.30	3.00
LYSIMACHIA clethroides (Loosestrife). 3 ft. Fine spikes of pure white flowers. June to Sept	.30	3.00
nummularia (Moneywort). Flowers 2 in. Excellent to cover bare spots in shady places. Yellow flowers. June to Oct	.30	3.00
LYTHRUM roseum superbum. 3 ft. Spikes of deep rose-colored flowers. Sept.	.30	3.00
MENTHA piperita (Peppermint). 1 to 2 ft. Purplish. Aug	.30	3.00
MONARDA didyma (Oswego Tea). 3 ft. Aromatic foliage and bright scarlet flowers. June to Sept	.30	3.00
didyma Cambridge Scarlet. Crimson-scarlet	.30	3.00
MYOSOTIS palustris (Forget-Me-Not). 10 in. Flowers all Summer. Fine blue.	.30	3.00
ŒNOTHERA (Evening Primrose)		
Missouriensis. 10 in. Deep yellow, prostrate growing. June to Aug	.40	4.00
speciosa. 1½ ft. Large, pure white flowers. May to Sept	.30	3.00
Youngii. 18 in. Bright yellow. June Sept	.30	3.00



Myosotis

	Each	Doz.
PÆONIES. One of the hardiest flowering plants and rivaled only by the Rose.		
Adolphe Rosseau. Dark metallic garnet. One of the finest	$1.75	$18.00
Albert Crousse. Immense, full blooms of light salmon pink	1.75	18.00
Baroness Schroeder. Blush, changing to pure white, extra	1.50	15.00
Couronne d'Or. Large pure white with golden stemens	1.00	10.00
Dorchester. Beautiful soft pink	.75	7.50
Dr. Bretonneau. Large, clear pink	.75	7.50
Duchess de Nemours. Sulphur white, ex.	.75	7.50
festiva maxima. Large, pure white, central petals flecked with crimson	.75	7.50
Golden Harvest. Rose guard petals, yellow petaloids, tufted pink center	.75	7.50
Louis Van Houtte. Satiny crimson	.50	5.00
La Tulipe. Large pink buds, striped with crimson, opening pale pink	.75	7.50
Marechal Vaillant. Immense crimson blooms on long stems	.75	7.50
Mme. de Galhau. Delicate pink with rose white guards	.75	7.50
Mme. Ducel. Large pink with silvery white reflex	.75	7.50
Modele de Perfection. Light pink, silver tipped, darker in center	.75	7.50
Norfolk. Large, cup-shaped flowers of soft pink	1.50	15.00
Noblissima. Very deep rose to red	.75	7.50
rubra superba. Dark crimson, fine form and fragrant	1.00	10.00
Venus. A delicate shell pink. Compact bloom, one of the finest	1.00	10.00
officinalis alba. Early blush white	.75	7.50
officinalis rosea. Early rose-pink	.75	7.50
officinalis rubra. Early dark red	.75	7.50
PÆONIES, Mixed	.60	6.00
PAPAVER nudicaule (Iceland Poppy). 1 ft. Yellow, all Summer	.30	3.00
nudicaule alba. White, all Summer	.30	3.00
orientale (Oriental Poppy). 3 ft. Oriental scarlet. June	.30	3.00

Phlox Coquelicot



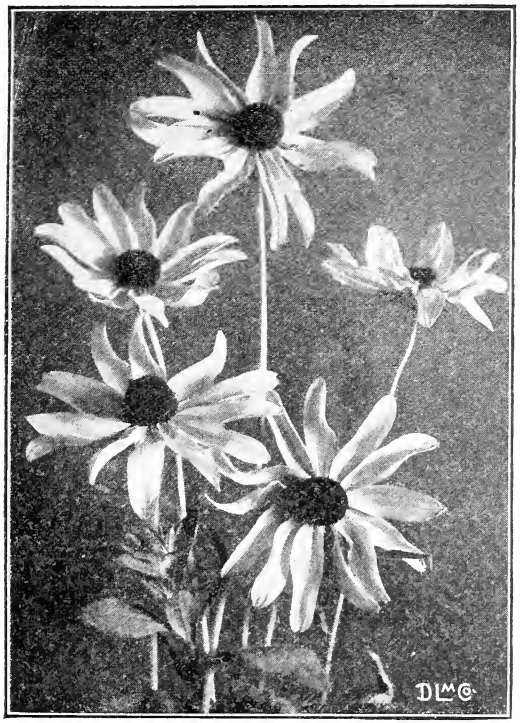
Pæonia festiva maxima

	Each	Doz.
PARDANTHUS sinensis (Blackberry Lily). 2½ ft. Orange. July and Aug	$0.30	$3.00
PENTSTEMON barbatus Torreyi (Beard Tongue)). 4 ft. Bright scarlet flowers. July to Sept	.30	3.00
Digitalis. 3 ft. Pure white. July and August	.30	3.00

PHLOX decussata (Hardy Perennial Phlox).
30c. each, $3.00 per doz., except where noted.

Annie Cook. Flesh pink, very fragrant.
Astrild. Dense trusses, cochineal-red.
Boule de Feu. Bright salmon, crimson eye.
Bridesmaid. Pure white; large carmine eye.
Coquelicot. Rich orange-scarlet.
Eclaireur. Carmine, salmon center.
Elizabeth Campbell. Large spikes, light salmon. 35c. each, $3.50 per doz.
F. G. Von Lassburg. Fine, pure white.
General Chanzy. Scarlet pink, brilliant.
Glow. Scarlet.
Goliath. Red.
Grideur. Ground color a soft mauve rose, heavily suffused and overlaid with a lively deep shade of cerise.
Jeanne d'Arc. Large, pure white.
Hector. Fine pink.
Independence. Pure white.
Madam Langier. Darkest red, fine.
Michael Buckner. Dark purple.
Ornament. Large, velvety pink.
Pantheon. Bright carmine rose.
Peach Blow. Delicate pink, dark center.
Pluto. Deep Fuchsia-red.
R. P. Struthers. Bright pinkish salmon.
Thor. Lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow; aniline red eye.

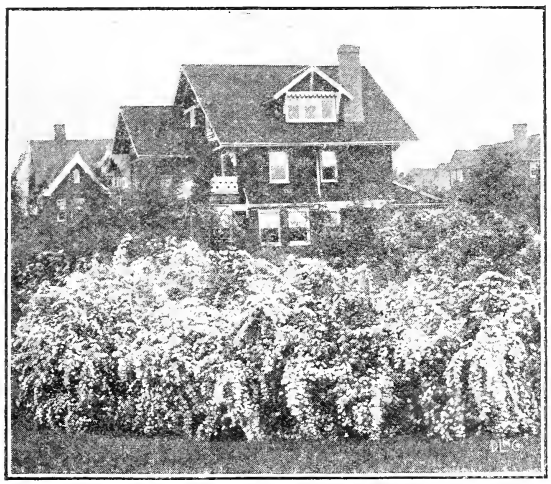
	Each	Doz.
PHLOX amœna. 4 to 6 in. Forming a carpet of foliage covered in May and June with a sheet of bright pink flowers	$0.30	$3.00
caroliniana ovata. 1½ ft. Deep rose. June and July	.30	3.00
subulata (Moss Pink). 4 to 6 in. Pink. April and May	.30	3.00
subulata alba. 4 to 6 in. White	.30	3.00
subulata var. lilacina. Light lilac	.30	3.00



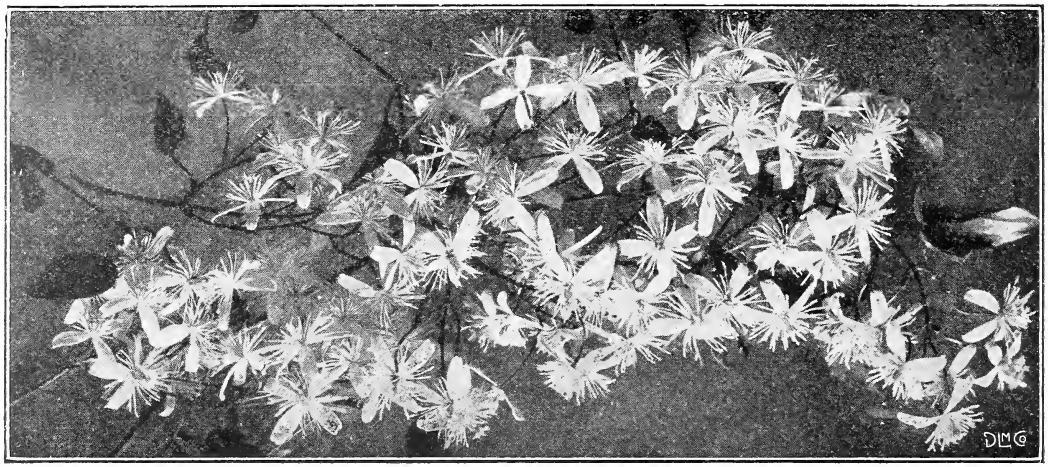
Rudbeckia Newmannii

	Each	Doz.
PHYSOSTEGIA virginica (False Dragon Head). One of the most attractive Midsummer plants, covered with clear pink, heath-like flowers. July and Aug.	$0.30	$3.00
PLATY 'ODON grandiflorum (Wahlenbergia). 2½ ft. Large blue, Campanula-like flowers. July to Oct.	.30	3.00
grandiflorum album. 2½ ft. White.	.30	3.00
Mariesi. 1½ ft. Violet-blue	.30	3.00
POLEMONIUM cœruleum (Jacob's Ladder). 2 ft. Light blue. May to July	.30	3.00
PRIMULA vulgaris (English Primrose). Bright canary-yellow. April and May	.30	3.00
PYRETHRUM roseum. 2 ft. One of the showiest flowers; of great value for cutting. June to July	.30	3.00
Mont Blanc. Double white	.35	3.50
Uliginosum (Giant Daisy). 4 ft. Large white. Aug. and Sept.	.30	3.00
RANUNCULUS acris fl. pl. (Double Buttercup). 2 ft. Double yellow. May and June	.30	3.00
RUDBECKIA fulgida (Coneflower). 4 ft. Orange flowers, dark center. July to Sept.	.30	3.00
lanceolata (Golden Glow). 5 to 6 ft. Double yellow, Cactus-Dahlia-like flowers. July to Sept	.30	3.00
Newmannii. 2½ ft. Golden yellow with purple cone. July to Oct	.30	3.00
purpurea. 3 ft. Large, reddish purple, with dark, cone-shaped center of brown. July to Oct	.30	3.00
SALVIA pratensis. 2 to 3 ft. Spikes of rich blue flowers. June to Sept	.30	3.00

	Each	Doz.
SAXIFRAGA cordifolia. 15 in. Large heart-shaped leaves and pink flowers. April and May	$0.35	$3.50
SCABIOSA caucasica. A soft and pleasing shade of lavender. June to Sept	.30	3.50
SEDUM acre (Golden Moss). 4 in. Bright yellow, with green foliage. May to July	.30	3.50
album. 4 in. Green foliage, white flowers. July and Aug	.30	3.50
Kamschaticum. 6 in. Bright orange yellow. June and July	.30	3.50
Sieboldii. 9 in. Glaucous foliage and bright pink flowers. Aug. and Sept.	.30	3.50
SPIRÆA astilboides. 2 ft. White. June	.30	3.50
filipendula fl. pl. 2 ft. Double white, June and July	.30	3.50
japonica. 2 ft. White. June	.30	3.50
palmata. 3 ft. Rosy crimson. June to Aug	.30	3.50
alba	.30	3.00
STATICE latifolia (Sea Lavender). 1½ ft. Violet-blue. July to Sept	.30	3.00
STOKESIA cyanea (Cornflower Aster). 2 ft. Lavender-blue. July to Oct	.30	3.00
alba	.30	3.00
rosea	.30	3.00
TRITOMA Pfitzeri (Flame Flower). 4 ft. Orange-scarlet. Aug. to Nov	.30	3.50
TROLLIUS europæus (Globe Flower). 1½ ft. Bright yellow. June to Sept	.35	3.75
Orange Globe. 2 ft. Rich deep orange. July and Aug	.40	4.25
VERONICA amethystina (Speedwell). 1 ft. Amethyst-blue. May to July	.30	3.00
longifolia subsessilis. 2 ft. Rich blue. July to Oct	.30	3.00
spicata. 2 ft. Blue, June to Aug	.30	3.00
VINCA minor (Myrtle). Creeping evergreen; good for covering ground in shady places. Bright blue flowers. April-July.	.30	3.00
VIOLA cornuta (Tufted Pansies). 6 in. Profuse bloomers from April to frost	.30	3.00
Blue	.30	3.00
cornuta alba. White. 6 in	.30	3.00
cornuta var. purpurea	.30	3.00
YUCCA filamentosa (Adam's Needle). Fine foliage and flowering plant. June-July	.35	3.75



Spiræa



Clematis

Hardy Climbing Plants and Flowering Vines

Embracing the most beautiful sorts of vines and creepers, suitable for trailing or climbing on verandas, trellises, walls, fences, etc.

	Each	Doz.
ACTINIDIA arguta. Oval, glossy leaves and clusters of fragrant flowers	$1.00	$10.00
AKEBIA quinata. Clover-like leaves and fragrant, velvety purple flowers	.75	7.50
AMPELOPSIS quinquefolia (Virginia Creeper). Rapid Grower	.50	5.00
Engelmanni. A creeper that clings to stone or wood as tightly as English Ivy	.50	5.00
tricolor, or **Vitis heterophylla** (Variegated Grape). Pretty vine with white, pink and green-marbled foliage	1.00	10.00
Veitchii (Japanese Ivy). Very fine for covering walls, rocks, etc.	.50	5.00
ARISTOLOCHIA Sipho (Dutchman's Pipe). Heart-shaped leaves; the brown flowers resemble a pipe	1.00	10.00
BIGNONIA radicans (Trumpet Flower). Large trumpet-shaped, orange and red flowers	.60	6.00
CELASTRUS paniculatus (Japanese Waxwork). Assumes a shrub-like form unless given opportunity to climb. Crimson and orange fruit	.50	5.00
scandens (Roxbury Waxwork). Glossy leaves and clusters of orange-crimson fruit, which remain on all Winter	.50	5.00
CLEMATIS paniculata. Glossy, dark green foliage, and covered in the latter part of the Summer with star-like white flowers, so fragrant that the delicious odor can be detected at a long distance....50c. and	.75	
Henryi. One of the best whites; very large white flowers	1.50	12.50
Jackmanii. Large violet - purple; free bloomer	1.50	12.50
Mme. Andre. Large carmine-red flowers; very free bloomer	1.50	12.50
Virginiana (Virgin's Bower). White flowers in August. The bunches of seed have long woolly tufts, making them very ornamental	.50	5.00

	Each	Doz.
DOLICHOS Japonicus (Kudzu Vine). Fast grower, with immense leaves and racemes of rosy purple, pea-shaped flowers	$0.50	$5.00
EUONYMUS radicans. An evergreen, glossy-leaved vine, valuable for covering wood to which it clings	.50	5.00
radicans variegata. Foliage variegated with white, pink and yellow	.50	5.00
radicans vegetus. The leaves are large and of a rich, glossy green; it is of more rapid growth than the others	.50	5.00
HONEYSUCKLE, Belgian or Dutch Monthly. Red and yellow fragrant flowers all Summer	.50	5.00
Hall's Japan. Fragrant, yellow and cream-colored flowers all Summer	.60	6.00
Golden Variegated. Green and gold variegated foliage, variety of preceding	.60	6.00
Scarlet Trumpet. Clusters of tubular scarlet flowers all Summer	.75	7.50
HOP VINE. Vigorous and quick growing twiner for covering arbors, etc.	.50	5.00
var. Aurea (Golden Leaved Hop Vine). Very hardy	.75	7.50
LYCIUM Chinense (Matrimony Vine). A climbing shrub with light green foliage and pale purple flowers; fine for northern exposures	.50	5.00
WISTARIA Sinensis (Chinese Wistaria). Long, pendulous clusters of pale blue flowers	1.00	10.00
Sinensis alba. White-flowered variety of preceding	1.00	10.00
Frutescens (Shrubby Wistaria). A native variety. Less vigorous than the Sinensis Flowers pale blue, in clusters. May	1.50	15.00

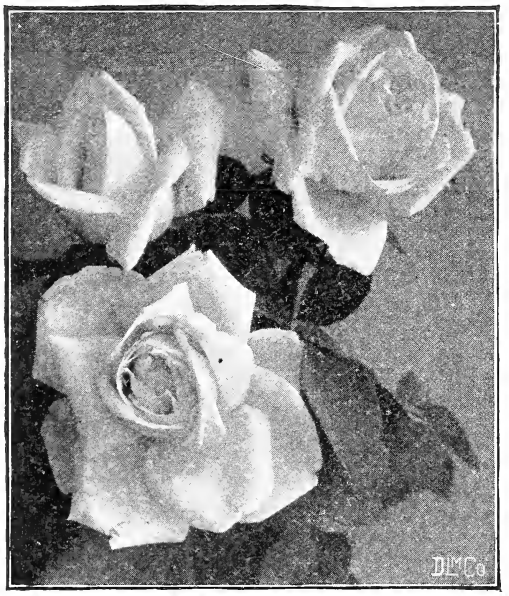
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Roses

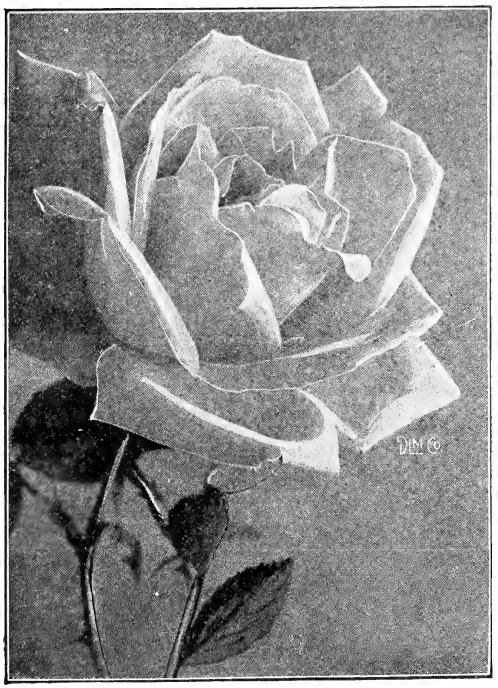
HARDY HYBRID PERPETUAL ROSES

Strong, 2-year old plants; $1.00 each, $10.50 per doz., $80.00 per 100, by express only.

Alfred Colomb. Bright, carmine-crimson, large and full
American Beauty. Deep pink, shaded carmine.
Anna de Diesbach. Large, clear bright carmine.
Baroness Rothschild. Rich satiny pink; excellent.
Baron de Bonstetten. Dark red, almost black; large.
Charles Lefebvre. Brilliant velvety crimson; fine.
Clio. Flesh-color, rich pink center.
Coquette des Alps. Large, pure white, lovely.
Coquette des Blanches. Pure white, in clusters.
Countess of Oxford. Large, carmine-red.
Duke of Albany. Velvety crimson, turning black.
Duke of Edinburgh. Large vermilion.
Earl of Dufferin. Large velvety crimson.
Fisher Holmes. Deep brilliant crimson.
Francois Levet. Cherry red, free bloomer.
Frau Karl Druschki. The finest white.
General Jacqueminot. Brilliant scarlet-crimson.
Gloire de Margottin. Brilliant scarlet; free.
Hugh Dickson. Crimson, shaded scarlet.
John Hopper. Large, rosy crimson; free.
Jules Margottin. Carmine rose.
Lady Helen Stewart. Bright crimson-scarlet.
La Reine. Clear rosy pink.
Louis Van Houtte. Dark velvety crimson.
Magna Charta. Bright pink and carmine.
Mme. Chas. Wood. Vivid crimson.
Mme. Gabriel Luizet. Beautiful satiny pink.
Mme. Plantier. Pure white, early.



Rose Frau Karl Druschki



Rose Caroline Testout

Margaret Dickson. White, blush center.
Marie Baumann. Brilliant carmine crimson.
Merveille de Lyon. Pure white, shaded rose.
Mrs. John Laing. Beautiful soft pink; large.
Mrs. Sharman-Crawford. Deep pink, shaded.
M. P. Wilder. Cherry carmine.
Paul Neyron. Immense deep pink.
Prince Camille de Rohan. Crimson-maroon.
Ulrich Brunner. Large, bright cherry-red.
White Baroness. Pure white, large and full.

TEA AND HYBRID TEA ROSES

We offer the leading well-tested varieties, which have proved most satisfcatory for garden and house culture. They can be wintered safely by covering 6 to 8 inches deep with light dry material.

Strong, 2-year old plants; $1.00 each, $10.50 per doz., $80.00 per 100

Capt. Christy. Beautiful flesh color.
Caroline Testout. Silvery salmon pink.
Clothilde Soupert. Pearly white, varies.
Dean Hole. Silvery carmine, shaded salmon.
Grus an Teplitz. Bright crimson.
Kaiserin Augusta Victoria. Delicate cream.
Killarney. Delicate pink.
Killarney Brilliant. Fine rosy red.
Killarney White. Pure white.
Lady Ashtown. Soft rose, yellow center.
La France. Silvery rose, shaded lilac.
Lyon. Coral red, shaded chrome yellow.
Maman Cochet. Carmine rose, shaded salmon.
Maman Cochet, White. Pure white.
Mrs. Aaron Ward. Rich yellow in bud, changing to exquisite shade of pink when fully open.
Prince de Bulgarie. Silvery pink, shaded salmon.
Sunburst. Orange copper and golden yellow.

HARDY CLIMBING ROSES

$1.00 each, $10.00 per doz., unless noted.

American Pillar. Large, single, rich rosy pink, with bright yellow stamens.
Baltimore Belle. Blush, nearly white. Double.
Crimson Rambler. Immense clusters of double deepest crimson flowers. 75c. each.
Debutante. Large clusters, double light pink, passing to white.
Dorothy Perkins. Double, soft shell-pink. 75c. each.
Hiawatha. Intense crimson, single.
Lady Gay. Double, cherry pink. 75c. each.
Paul's Scarlet. Vivid scarlet. $1.50 each.
Setigera. Large, single rose color.
Silver Moon. Large pure white. 75c. each.
Tausendschon. Deep, rosy pink; large and double.
White Dorothy Perkins. Double pure white. 75c. each
White Rambler. White, double, in clusters.
Yellow Rambler. Double, light yellow, in clusters.

MISCELLANEOUS HARDY ROSES

Strong plants: $1.00 each, unless noted.

Austrian, Harrison's Yellow. Semi-double, golden.
Austrian, Persian Yellow. Double rich yellow.
Baby Dorothy (Maman Levavasseur). The dwarf Dorothy Perkins. Fine pink. 75c. each.
Baby Rambler, Crimson (Mme. Nobert Levavasseur). The dwarf crimson Rambler. 75c. each.
Baby Rambler, Cherry Pink (Mrs. Wm. H. Cutbush). Very free flowering, double. 75c. each.
Baby Rambler, White (Katherine Zeimet). Dwarf, double pure white. 75c. each.
RUGOSA and HYBRIDS (Japanese Roses).
Alba. Single pure white.
Conrad F. de Meyer. Double silvery pink.
Mme. George Bruant. Semi-double white.
Roseraie de l'Hay. Double carmine.
rubra. Single bright rosy crimson. 75c. each.
var. Prostrata, or **repens** (Trailing Rosa Rugosa). A hybrid of the Rose Wichuraiana and Rosa Rugosa with the foliage and blossom of the latter, and the vigorous growth and habit of the former.
SWEET BRIAR. Fragrant foliage.

Baby Rambler Rose

WICHURAIANA VARIETIES

(Trailing or Memorial).

Evergreen Gem. Double rich bronze.
Gardenia. Fine yellow.
Manda's Triumph. Large double white.
Pink Roamer. Single bright pink.
Universal Favorite. Large double pink.
Wichuraiana. Single pure white. 75c. each.

Rosa Rugosa

Flowering and Ornamental Hardy Shrubs

This class of plants does more for our gardens and grounds, to make them look attractive and homelike, than all other classes combined. It gives us beautiful foliage of many kinds, flowers from April to November, and clothes the lawn with that abundance of branches and leafage which is so necessary to any feeling of seclusion or privacy in our home grounds.

Each

ALTHÆA, Double and Single. Handsome Hollyhock-like flowers of red, white and purple. Sept. $0.75
Variegated Foliage. Leaves marked with yellow; flowers double, purple. Sept. ..... .75

AMELANCHIER botryapium (Dwarf Juneberry). A hardy white flowering shrub. June. 4 to 5 ft. 1.00
vulgaris (Shad Bush). 2 to 3 ft. ..... .75

ARALIA pentaphylla. One of the best shrubs to plant on north and east side of buildings, also in shady places ..... .60

AZALEA arborescens. Fragrant white Azalea, early flowering. 18 to 24 in. 2.50
24 to 30 in. 3.00
mollis. More dwarf and larger flowered than preceding. June ..... $1.50 to 4.00
nudiflora (Pinxter Flower). Native, with deep pink fragrant flowers. May and June 2.50
Vaseyi. Flowers pink, shading to violet. July .. 2.50

BERBERIS Thunbergii (Japan Barberry). Beautiful tinted foliage in the Autumn. June ..... .50
vulgaris (European Barberry). Pendulous clusters of red berries. June ..... .50
vulgaris purpurea. Deep purple foliage all Summer. June ..... .50

BUDDLEIA variabilis magnifica. Intense violet purple with orange eye. Aug. and Sept. ..... .75

BUXUS (Boxwood) **Bush Form.** For window boxes or bordering walks. Owing to the restrictions on importations, Box plants are rather scarce. 12 to 15 in., $1.50; 18 to 24 in., $5.00; 24 to 30 in. 7.00
Pyramidal Form. 2½ to 3 ft. 6.00
We can quote on a few larger sizes.

CALYCANTHUS floridus (Spice Bush). Deep chocolate-colored flowers of pineapple fragrance. June to Sept. ..... .60

CEPHALANTHUS occidentalis (Button Bush). Grows well in moist ground, the picturesque blossoms remain all Summer as brown seed balls. .50

CHIONANTHUS virginica (White Fringe). Delicate, fringe-like flowers, white. May 1.25

CLETHRA alnifolia (Sweet Pepper Bush). Upright spikes of fragrant white flowers. July to Sept. ..... .60

CORCHORUS japonica fl. pl. (Kerria). Brilliant double, orange-yellow flowers. June and July .. .50

CORNUS florida. Large, white flowering Dogwood. May. 3 to 4 ft. $1.00, 4 to 5 ft. 1.50
florida rubra. Large, deep rose-colored flowers. May. 4 to 5 ft., $3.50; 5 to 6 ft. 5.00
mas, or **mascula** (Cornelian Cherry). Attractive in early Spring with its yellow flowers and again in the Fall with shining scarlet fruit ..... .50
paniculata (Gray Dogwood). Finely branched gray twigs with white fruit on red stems in Fall. 2 to 3 ft., 50c.; 3 to 4 ft., 60c.; 4 to 5 ft., 75c.; 5 to 6 ft., $1.00; 6 to 7 ft. 1.50

Each

CYDONIA japonica (Japan Quince). Large, deep scarlet flowers, followed by large fruit $0.60

DAPHNE cneorum (Garland Flower). An evergreen hardy spreading plant; flowers resembling the Mayflower. Very fragrant. May to Oct. 6 to 8 in. spread, 75c.; 8 to 10 in. spread, $1.00; 10 to 12 in. spread, $1.25; 12 to 15 in. spread ... 1.50

DEUTZIA crenata fl. pl. Double white flowers, tinged with rose. June ..... .60
crenata alba fl. pl. Double pure white flowers. June ..... .60
gracilis. Round, dense bush, covered with snow-white flowers. June ..... .60
Lemoinei, New. Erect panicles of large snow-white flowers. June ..... .60

ELÆAGNUS longipes. Ornamental and edible fruited shrub from Japan. July ..... .75

EUONYMUS americanus (Strawberry Bush). Deep scarlet berries. June ..... .75
alatus (Burning Bush). Bright, green foliage, turning in the Autumn to brilliant crimson scarlet and covered with bright red fruit 1.00

EXOCHORDA grandiflora. Chinese shrub, with clusters of pure white, starry flowers. May .... .60

FORSYTHIA Fortunei (Golden Bell). Pendulous, trumpet-shaped, yellow flowers. April ..... .60
suspensa (Weeping Golden Bell). Weeping habit and showy yellow flowers. April ..... .60
viridissima. Stiffer and bush-like habit. May .. .60

Forsythia suspensa

FLOWERING AND ORNAMENTAL HARDY SHRUBS—Continued

Each

HYDRANGEA arborescens grandiflora (Snowball Hydrangea). Large, snow-white blooms from June to August $0.60
paniculata. Thickly studded with heads of single white flowers. September ..... .60
paniculata grandiflora. Immense, cone-shaped heads of white flowers, turning later to shades of pink and red. July to October ..... .75
We offer plants of this sort trained in tree form .. 1.50

ILEX verticillata (Black Alder). Glossy dark green foliage and bright crimson berries. The berries remain all Winter ..... .75

KALMIA latifolia. (Mountain Laurel). Glossy evergreen foliage and clusters of pink and white flowers. June. 18 to 24 in 2.50

LILAC, Common Purple. An old favorite; fragrant purple flowers. May. 3 to 4 ft. 75c., 5 ft ... 1.25
Common White. Like preceding, with fragrant white flowers. 3 to 4 ft. 75c., 5 ft 1.25
Charles X. Magnificent clusters of dark red flowers in great profusion 1.25
Jacques Calot. Single rose pink 1.25
Jeanne d'Arc. Free flowering double white 1.25
Ludwig Spaeth. Very large and of a splendid dark purple-red 1.25
Mad. Lemoine. Grand, double white variety, with large foliage 1.00
President Grevy. Immense spikes of double cobalt-blue flowers, with rosy edges 1.25
Rubra de Marley. Flowers single rosy purple .. 1.25

LONICERA tatarica (Bush Honeysuckle). Profusion of sweet-scented pink flowers. May .... .50
Tatarica alba. Pure white-flowered sort of the preceding. May ..... .60
Bella albida (White Honeysuckle). 3 to 4 ft ... .60

Morrowii. Yellow flowers, followed by rich crimson fruit. All Summer ..... .60

MYRICA Gale (Wax Myrtle). A native shrub ... .60

PRIVET (Ligustrum), **California.** Broad, oval-shaped leaves; white flowers. July ..... .25
European. Valuable hedge plant, with showy white flowers; very hardy. June ..... .50
Ibota (Japan). Dark, oval foliage, and racemes of white, fragrant flowers ..... .50

PHILADELPHUS coronarius (Syringa, or Mock Orange). Pure white fragrant flowers in clusters. June ..... .60
coronarius aureus. Golden foliage. One of the best golden foliage shrubs. June ..... .60
Avalanche. Low growing shrub with weeping branches and pure white fragrant flowers. June. .60
Lemoinei, Mont Blanc. Attaining 5 ft. in height, with erect branches entirely covered with large, fragrant flowers. June. 2 to 3 ft .... .60

PRUNUS Pissardii (Purple-leaved Plum). Bright purple foliage through the season 1.50
triloba (Double-flowering Plum). Double pink flowers, like small Roses. May. 2 to 3 ft 1.25

Each

PYRUS angustifolia (Bechtel's Double-flowering Crab). Large, double pink flowers highly fragrant and resembling pink Roses. May $1.50
Malus Parkmanii (Tea Rose-flowering Crab). Long, rich carmine buds. May 1.75

RHODODENDRONS, Hardiest Hybrids. Fine collection of the best named sorts ..... $4.50 to 21.00
catawbiense. A native close-growing form, with handsome foliage and large trusses of deep rose flowers ..... $4.50 to 21.00
maximum. Excellent for shady situations; flowers white and pink ..... $3.00 to 7.00
Packing extra.

RHODOTYPOS kerrioides (White Kerria). Flowers white all Summer ..... .60

RHUS Cotinus (Purple Fringe, or Smoke Tree). Purplish flowers. June ..... .60

RUBUS odorata (Flowering Raspberry). Large, fragrant, reddish purple flowers all Summer .... .50

SPIRÆA, Anthony Waterer. Low-growing with flat heads of red flowers all Summer ..... .50
opulifolia aurea (Golden Spiræa). One of the best yellow-leaved shrubs; flowers white. June .60
prunifolia fl. pl. (Bridal Wreath). Double, pure white flowers. May ..... .50
Thunbergii. Low-growing, rounded form, with an abundance of white flowers. May ..... .60
Van Houttei. Graceful rounded form, covered with pure, white flowers. June. 2 to 3 ft ..... .50

SAMBUCUS nigra aurea (Golden Elder). A large golden-leaved shrub ..... .50

SYMPHORICARPOS racemosus (Snowberry). Small pink flowers with large white berries ..... .50
vulgaris ..... .50

VIBURNUM Opulus (High-bush Cranberry). Cymes of white flowers in June, and bright scarlet berries into late Winter ..... .60
Opulus sterilis (Common Snowball). Large, pendent balls, snow-white. May ..... .60
plicatum (Japan Snowball). Superior to the preceding in foliage, which is plicated, also in flower, which is larger and whiter. May ..... .75
tomentosum. Single form of the preceding, with massive cymes of blooms late in the Summer ..... .60

WEIGELA candida. Tubular white flowers all Summer ..... .60
Eva Rathke. Large, deep crimson; flowers from June to frost ..... .60
floribunda. Deep crimson flowers. June ..... .50
rosea. Fine rose-colored variety, June ..... .50
rosea nana variegata. Silvery variegated leaves and pinkish white flowers. June ..... .60

Hedge Plants

100

ARBORVITÆ globosa. 15 to 18 in. diameter. $2.50 each, $28.00 per doz $225.00
ARBORVITÆ, American. 3 ft 150.00
4 ft 250.00
BARBERRY, Japanese, or Thunbergii. 15 to 18 in 27.00
Common. 2 to 3 ft 30.00
Purple. 3 to 4 ft 40.00
HEMLOCK. 2 to 2½ ft 220.00
JAPANESE QUINCE (Cydonia). 2 to 3 ft 45.00
LILAC, Common. 2 to 3 ft 40.00
3 to 4 ft 50.00

100

PRIVET, California. 18 to 24 in $8.00
2 to 3 ft 10.00
3 to 4 ft 12.00
Ibota. 2 to 3 ft 28.00
3 to 4 ft 36.00
SPIRÆA, Golden. 3 to 4 ft 30.00
Thunbergii. 2 to 3 ft 35.00
Van Houttei. 2 to 3 ft 30.00
3 to 4 ft 40.00
SPRUCE, Norway. 3 to 4 ft 225.00
4 to 5 ft 320.00
5 to 6 ft 400.00

Ornamental Trees

DECIDUOUS TREES

ASH (Fraxinus)—
Mountain (Pyrus Sorbus). 8 to 10 ft. $2.00.
White (Fraxinus americana). 6 to 8 ft. $1.50.

BIRCH (Betula)—
Canoe (B. papyrifera). 8 to 10 ft. $2.00.
Cut-leaved Weeping. 6 ft. $3.00.

BEECH (Fagus)—
American (F. ferruginea). 6 to 7 ft., $3.00.
Rivers' Purple. 6 to 7 ft. $7.50.

CATALPA—
Bungei. 2 yr. heads, $3.00.
speciosa. 6 to 8 ft., $1.25; 8 to 10 ft. $1.75.

CRATÆGUS (Hawthorn)—
Oxycantha (Common). 3 to 4 ft., 90c.; 4 to 5 ft., $1.25.
Crus-galli (Cockspur Thorn). Long thorns, glossy foliage and bright fruit in Autumn. 4 to 5 ft. $1.25.

ELM (Ulmus)—
American. 8 to 10 ft., $2.00; 10 to 12 ft., $3.00.
English (U. campestris). 8 to 10 ft., $2.00.

HORSE CHESTNUT (Æsculus)—
Common. 6 to 8 ft., $2.75; 8 to 10 feet $3.50.

JUGLANS nigra (Black Walnut). 6 to 8 ft. $2.75.

LARIX (europæa)—
European Larch. 5 to 6 ft. $1.25.

LINDEN (Tilia)—
American (Basswood). 8 to 10 ft., $2.50.
European. 8 to 10 ft., $2.50.

LOCUST (Robinia)—
Honey (Gleditschia triacanthos). 3 to 4 ft., 75c.
hispida. 2 to 3 ft., 50c.

MAGNOLIA—
Alexandrina. One of the earliest flowering Magnolias. White flowers with a slight purplish tint outside. 3 ft., $5.00.
glauca (Sweet Bay). Native with glossy leaves and fragrant white flowers. June. 3 to 4 ft., $5.00.
speciosa. Resembles the preceding variety but rather late in opening in Spring. 3 ft., $5.00; 4 ft., $6.00.
stellata (Hall's Magnolia). Very free flowering variety. White; quite hardy. 2½ to 3 ft., $5.00; 3 to 3½ ft., $7.50; 3½ to 4 ft., $9.00.

MAPLE (Acer)—
Norway (A. platanoides). 8 to 10 ft., $2.50; 10 to 12 ft., $2.75.
Red, or **Scarlet** (A. rubrum). 8 to 10 ft., $3.00.
Silver (A. dasycarpum). 8 to 10 ft., $1.50.
Sugar, or **Rock** (A. saccharinum). 8 to 10 ft., $1.75; 10 to 12 ft., $2.25; 12 to 14 ft., $3.00.
Weir's Cut Leaf. 12 to 14 ft., $3.00; 14 to 16 ft., $3.75.
Japanese, A. palmatum atropurpureum. 2 to 2½ ft. $5.00, 2½ to 3 ft. $6.50, 3 to 4 ft. $9.00.

OAK (Quercus)—
Pin (Q. palustris). 8 to 10 ft., $2.50; 10 to 12 ft., $3.00.
Red (Q. rubra). 10 to 12 ft. $3.00.

POPLAR (Populus)—
Carolina, or **Cottonwood.** 8 to 10 ft., $1.50; 10 to 12 ft., $2.00.
Lombardy. 8 to 10 ft., $1.50; 10 to 12 ft., $2.00.

SYRINGA japonica (Tree Lilac). 5 to 6 ft., $1.50.

WILLOW (Salix)—
Golden Bark (S. vitellina aurea). 5 to 6 ft., $1.00.
Laurel-leaved (S. laurifolia). 4 to 5 ft., 75c.; 5 to 6 ft., $1.00; 6 to 8 ft., $1.25.

EVERGREEN TREES

ABIES balsamea. The Fir Balsam of the Maine woods. 3 to 4 ft., $2.50; 4 to 5 ft., $4.00.
concolor (Colorado Blue Fir). One of the most valuable evergreens for the lawn, having long silvery foliage. 3 ft., $6.00; 4 ft., $8.00.

JUNIPERUS communis (Spreading Juniper). Valuable for covering banks. 18 to 24 in. spread, $2.00.
communis aurea. A golden form of the preceding. 1½ to 2 ft., $3.00.
hibernica (Irish Juniper). 2½ to 3 ft., $2.00.
virginiana (Red Cedar). 3 to 4 ft., $3.00.

PICEA alba (White Spruce). Valuable for planting near the sea. 2 to 3 ft., $2.00; 3 to 4 ft., $2.75.
Engelmannii (Engelmann's Spruce). A choice Rocky Mountain tree of pyramidal growth and glaucous foliage. 4 to 5 ft., $5.00; 5 to 6 ft., $6.50.
excelsa (Norway Spruce). The most common Spruce used. Valuable for screens and groups. 3 ft., $2.00; 4 to 5 ft., $3.50; 5 ft., $4.50.
pungens (Colorado Spruce). The hardiest of all Spruces. Fine for lawns. 3 ft., $5.00; 4 to 5 ft., $7.00.
pungens, var. Kosteriana (Koster's Blue Spruce). The finest of all evergreens for lawn decorations. 2 to 2½ ft. $10.00, 2½ to 3 ft. $12.00. Price on large specimens on application.

PINUS austriaca (Austrian Pine). One of the best pines for seashore planting. 3 to 4 ft., $3.50.
Mugho (Dwarf Pine). This is valuable for shore planting and lawns. 18 in., $3.00; 18 to 24 in., $4.00.

PINUS—Continued.
resinosa (Red Pine). A native; useful for foliage effect; tall-growing. 4 to 5 ft., $4.00; 5 to 6 ft., $4.50.
Strobus (White or Weymouth Pine). Our most valuable timber tree; useful for windbreaks. 4 to 5 ft., $4.00; 5 to 6 ft., $5.00.

RETINISPORA—
filifera. Foliage thread-like and drooping. One of the hardiest. 2 to 3 ft., $4.00.
plumosa (Plume-like Japan Cypress). One of the hardiest; can be trained in pyramidal forms. 2 to 2½ ft., $3.50; 2½ to 3 ft., $4.50.
plumosa aurea. Golden form of the preceding. 15 to 18 in., $2.25; 18 to 24 in., $2.75.

THUYA occidentalis (American Arborvitæ). Useful for hedges. 3 ft., $2.00; 4 ft., $3.00.
var. Geo. Peabody. Golden foliage, holding its color all Summer. 2 to 3 ft., $4.00.
var. Hoveyi (Dwarf Arborvitæ). Useful for a border. 18 to 24 in., $2.50; 2½ ft., $3.00.
pyramidalis (Pyramidal Arborvitæ). Useful as a specimen. 3 ft., $3.00; 3½ ft., $4.00.

TSUGA canadensis (Hemlock). One of the handsomest native evergreens, useful for hedges. 24 to 30 in., $3.00; 30 to 36 in., $3.75; 3 to 3½ ft., $4.50.

Packing charges extra.

Fruit Trees

APPLES

Nothing is so injurious to newly planted fruit trees, especially to those which have made a very vigorous growth the year before, and have long shoots of new wood, as to leave them full length. The very best trees suffer most by leaving all the top on. Don't be afraid to cut.

5 to 7 ft., $1.25 each, $13.80 per doz.

SUMMER VARIETIES

Early Harvest. Yellow, medium size. Aug.
Early Strawberry. Deep red, medium. Aug.
Red Astrachan. Red, large. Aug.
Sweet Bough. Pale yellow, large. Aug.
Williams' Favorite. Red, excellent. Aug.
Yellow Transparent. Pale yellow, good. Aug.

AUTUMN APPLES

Fameuse, or **Snow.** Crimson. Nov. to Jan.
Fall Pippin. Greenish yellow, large, Nov.
Gravenstein. Red-striped, large. Oct.
Smokehouse. Green or yellow mottled, medium. Nov.

WINTER VARIETIES

Baldwin. Red, large.
Ben Davis. Yellow and red, large.
Delicious. Large, red.
Hubbardston Nonsuch. Yellow and red, large.
King of Tompkins County. Crimson, large.
McIntosh Red. One of the best, red; Nov., Feb.
Northern Spy. Yellow and red; large.
Rhode Island Greening. Greenish yellow; large.
Roxbury Russet. Medium to large. Dec. to June.
Spitzenberg. Red, medium, excellent. Dec. to April.
Talman Sweet. Yellow, medium size. Nov. to April.
Wealthy. Red, medium size, fine. Dec. to Feb.
Wolfe River. Large, red.
York Imperial. Whitish, shaded crimson.

DWARF APPLES

$1.50 each, $16.50 per doz.

Duchess. Large, striped.
Gravenstein. Large, red striped.
McIntosh. Red.
Red Astrachan. Large.
R. I. Greening. Large, green.
Yellow Transparent. Pale color.

CRAB APPLES

$1.50 each, $15.00 per doz.

Hyslop. Dark crimson; large.
Martha. Very prolific, glossy yellow, shaded red.
Transcendent. Yellow and red; large.

CHERRIES

$1.75 each, $18.00 per doz.

Black Tartarian. Purplish black; large. June.
Early Richmond. A preserving variety.
Gov. Wood. Yellow and red; large. June.
Montmorency. A large preserving variety.
Napoleon. Yellow and red; large. July.
Windsor. A large deep colored variety of good flavor.
Yellow Spanish. Pale yellow, red cheek. June.

PEARS

Pear trees must have rich soil. Never, however, put manure of any kind where it will touch the roots when a tree is first planted. Put it in the soil, near them, liberally.

5 to 7 ft. $1.50 each, $15.00 per doz.

SUMMER VARIETIES

Bartlett. Yellow and large.
Clapp's Favorite. Yellowish green, large.

AUTUMN VARIETIES

Anjou. Greenish yellow. Nov. to Dec.
Beurre Bosc. Russet color; large. $2.00 each.
Flemish Beauty. Yellowish russet, large and sweet.
Louise Bonne. Yellowish green; small.
Seckel. Yellowish russet; small.
Sheldon. Yellowish russet; medium size.

WINTER VARIETIES

Duchess. Very large yellow with a dull red cheek.
Lawrence. Yellow and red; medium.

DWARF PEARS

$1.50 each, $15 per doz.

Clapp's Favorite. Yellowish green; large.
Duchess. Very large; yellow with a dull red cheek.
Louise Bonne de Jersey. Large; yellow and red; extra fine.

PEACHES

Keep the leading branches well pruned back, and in the Spring prune back all shoots of the previous year's growth, thus insuring sound and well-furnished heads with bearing wood, weak shoots being reduced one-half and stronger ones from one-third up, being careful to retain an adequate supply of fruit buds. Keep the ground clean and well worked about the trees, and give an occasional dressing of wood ashes.

75c. each, $8.00 per doz.

Belle of Georgia. White, red cheek; large, very late.
Carman. Pale yellow with red blush. Large and sweet flavor.
Champion. Creamy white, red cheeks; large. Aug. 1.
Crawford's Early. Yellow and red; large. Aug.
Crawford's Late. Yellow and red; large. Sept.
Elberta. Large; light yellow. Aug.
Fitzgerald. Large fruit with a small pit; season same as Early Crawford.
Foster. Large, yellow, of very good quality; season early Sept.
J. H. Hale. Large, yellow freestone. Sept.
Oldmixon Free. White and red; large. Sept.
Stump the World. White and red; large. Sept.

QUINCES

$1.50 each, $15.00 per doz.

Apple, or **Orange.** Large, roundish; bright golden yellow; very productive. Early to late.
Champion. Large; yellow; very productive, and ripening very late.
Rea's Mammoth. Large, yellow; one of the best. Early.

FRUIT TREES—Continued

PLUMS

The growth of the Plum tree is being better understood by cultivators, thorough culture and careful attention to the destruction of the black knot and curculio being the most essential points to consider.

5 to 7 ft., $1.75 each, $18.00 per doz.

Bavay's Green Gage. Greenish yellow; large. Sept.

Bradshaw. Very large, oval, dark violet-red, sweet, good flavor.

Lombard. Violet-red; medium. Sept.

Shropshire Damson. Purple; medium. Oct.

JAPAN PLUMS

These have quickly found favor among growers on account of their great vigor, freedom from disease, and the fact that they come into bearing two or three years after planting. They are of high quality, beautiful in appearance, and keep for an unusually long period after picking.

$1.75 each.

Abundance. The fruit is large; amber in color, turning to a rich, bright cherry, and highly perfumed; flesh tender and of delicious sweetness. It ripens in August.

Burbank. Clear cherry-red, with yellow dots; flesh deep yellow, rich and sugary. The tree is low and spreading and an abundant bearer. End of Aug.

October Purple. Large, dark reddish purple, superb quality. Middle of Sept.

Satsuma. Purple and red, flesh firm; juicy and dark red; large. Aug.

Wickson. Fruit large, dark, showy and of the highest quality. Free, most vigorous and prolific.

Small Fruits

CURRANTS

GOOSEBERRIES

On account of Pine Blister Rust, which is said to spread from these plants, we have discontinued selling Currants and Gooseberries.

BLACKBERRIES

To keep a Blackberry bed in good productive condition the old, weak and deadwood should be cut out every season to give strength to the young shoots for the next year's bearing. In Spring the weakest suckers should be removed, leaving five or six of the strongest in each hill; the ground should be spaded and a top dressing of manure given. Rows 5 feet apart and plants 4 feet apart in the rows.

$1.25 per doz., $9.00 per 100.

Agawam. Sweet, medium size. Early.

Eldorado. Extra fine and very hardy large, sweet berry.

Erie. One of the best; large and productive. Early.

Rathbun. Very large, sweet and delicious.

Snyder. Medium size; very fine. Medium.

RASPBERRIES

Treat and cultivate as recommended for Blackberries.

$1.25 per doz., $9.00 per 100.

Columbian. Purple fruit, delicious for table.

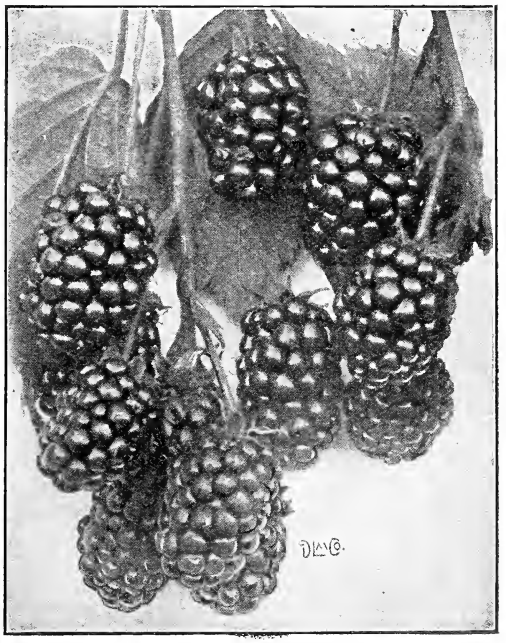
Cuthbert. Medium to large, red, sweet.

Golden Queen. Large, yellow; fine quality.

Loudon. Very prolific; one of the hardiest best red sorts.

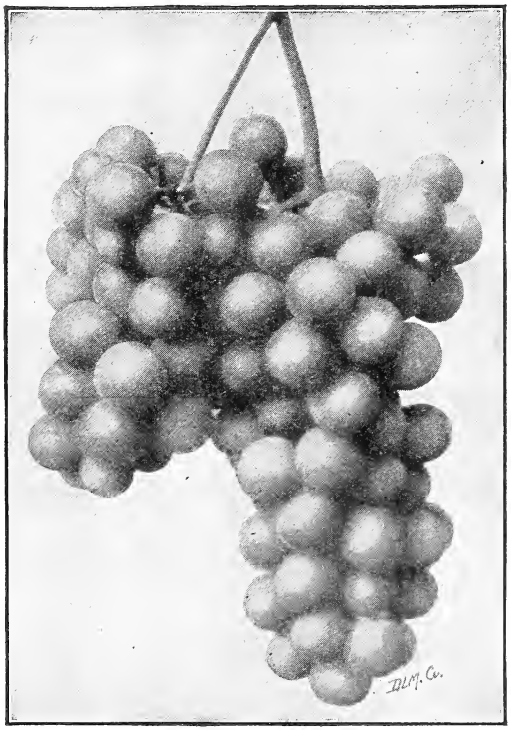
Marlboro. Popular red sort. Early and hardy.

St. Regis Everbearing. Producing abundantly throughout the Summer, large, bright crimson berries of excellent quality.



Blackberries

SMALL FRUITS—Continued



Grapes

GRAPES

HARDY VARIETIES
60c. each, except where noted.

BLACK

Campbell's Early. Very large berry and clusters, rich flavor and very sweet. **75c.**
Concord. Large, always reliable. Medium.
Moore's Early. Large, fine quality. Early.
Worden. Large, excellent quality. Early.

RED

Brighton. Large, best quality. Early.
Catawba. Well-known late variety.
Delaware. Small, delicious. Late.
Salem. One of the best and most popular; ripens with the Concord variety.

WHITE

Green Mountain. One of the best. Early. **75c.**
Moore's Diamond. Large, excellent. Early.
Niagara. Large and productive. Medium.

We can supply the following varieties of greenhouse Grape Vines:
Muscat of Alexandria, Gros Colman, Lady Hutt, Lady Downs, Mrs. Pince, Madresfield Court, Appley Towers, Melton Constable.
2-yr. fruiting canes, extra strong, 8-in. pots, $15.00 each.
1-yr. planting canes, extra strong, $12.00 each.
Black Hamburg, Foster's Seedling, 1-yr. planting canes only, extra strong, $12.00 each.

STRAWBERRIES

The Strawberry will grow in any good garden soil where the ground has been thoroughly prepared. For family use we recommend planting them in double rows, 1 foot apart each way and 5 feet between the double rows, allowing a sufficient number of runners to grow into the wide passage to cover about 1½ feet on each side; all the rest should be pinched off. It is advisable to cover the plants in Winter with litter, which should be removed as soon as the plants commence to grow in Spring.

Layer plants in Spring, $2.50 per 100, $22.00 per 1000, except where noted.
Pot-grown plants after Aug. 1.

Abington. Strong grower and great yielder. The bright red berries are of very large size, firm and fine flavor. Early to medium.

Barrymore. Awarded silver medal and three first premiums by the Massachusetts Horticultural Society, in 1908. A great berry for all purposes. Large size, rich, dark, glossy crimson color; conical shape; flesh red and quality excellent. Medium.

Brandywine. Large, roundish, conical, bright, glossy crimson berries, firm and solid; excellent quality and fine flavor. Medium.

Commonwealth. Large, glossy crimson berry, of excellent quality, a great cropper and one of the latest. $3.00 per 100, $25.00 per 1000.

Excelsior. Good size, glossy dark red of excellent flavor and very early. $3.00 per 100, $25.00 per 1000.

Glen Mary. Very large, highly colored, firm, and ranks with the best in flavor. Medium to late. $3.00 per 100, $25.00 per 1000.

Golden Gate. New seedling, resembles the Marshall and will succeed where the Marshall fails. It produces strictly fancy, firm fruit clear to the end of the season, of a rich crimson color.

Marshall. Large, rich crimson, and fine flavor. One of the most popular sorts. Medium. $3.00 per 100, $25.00 per 1000.

Nick Ohmer. Largest size, regular form, excellent flavor, firm, and a deep, glossy red. Medium.

Warren. Dark blood red, extra size, broad and flattened at tips, borne in large clusters. Medium.

THREE NEW VARIETIES

Raised from seed by the late S. D. Warren of Weston, and claimed by him to be as near rust-proof as possible, with fruit far superior to the older sorts.

Arabine. Extra early, very large, bright red of high quality, very robust grower and heavy cropper. $3.00 per 100.

Roosevelt. A vigorous, midseason variety, larger than Marshall, of most excellent quality and color. A superior sort. $3.00 per 100.

Hiawatha. This new late sort ripens a few days ahead of the Commonwealth, which it surpasses in size, color and flavor. It succeeds where others fail. $3.00 per 100.

EVERBEARING STRAWBERRIES

Progressive. Considered one of the best perpetual-bearing Strawberries. The fruit is rich and sweet, a deep red inside and out; of good medium size and quite firm. $4.00 per 100.

Superb. Perfect blossoms. Enormous crops in June, and in September same plants are filled with fruit. It does not fruit on new runners. The berries are large and a rich dark red. $4.00 per 100.

All prices subject to change without notice.

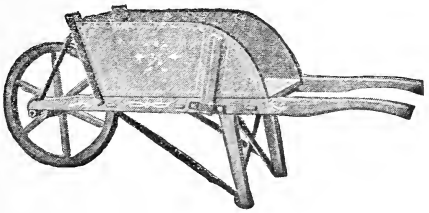
Farm, Garden and Lawn Requisites, Tools, Etc.

Asparagus Buncher. Makes bunches of size usually sold in Boston market. $4.00 each.

Asparagus Knife. Granite State; 50c. each, by mail 60c.

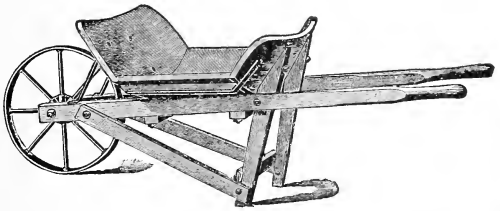
Axes. Warranted steel, Witherell's extra quality, handled. $3.00 to $3.50 each.

Bars, Crow. Solid cast steel. Per lb. 12c.

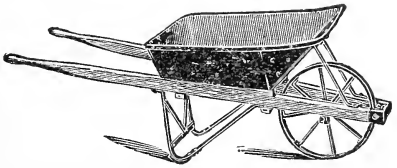


Barrow, New England Garden. This is a strong, well-made barrow; the frame is made from best seasoned timber, nicely painted and striped; it has an eight-spoke, steel axle, wood wheel. We consider it the best Garden Barrow manufactured. Two sizes, No. 64 medium, $8.50; No. 65, large, $9.50.

Barrow Leaf Rack. Made of galvanized wire, fits either size, capacity ten bushels, $9.00.



Barrow Canal. We carry this in stock in either wood or steel tray; popular with contractors. $6.50 each, $65.00 per doz.



Barrow, Steel Tray End Dump. For conveying concrete, mortar, sand, gravel, cement, fertilizer, manure, etc. This is an end dumping barrow; has protected wheel and renewable shoes on legs; is provided with crossbar between legs for plank riding; carries load level and well over wheel; has an extra strong strapped tray, smooth on inside, and many other good points. $9.00 each.

Baskets, Tomato or **Pansy.** Wire handles, also used for fruit as well as plants.

	100	1000
3 Quart size	$4.50	$40.00
2 Quart size	3.50	32.00

Both sizes packed in crates of 500 each.

Baskets, Picking. For gathering either fruit or vegetables.

Swing or Stationary Bail. 1 pk. $1.00, ½ bus. $1.25, 3 pks. $1.50.

Baskets, Shepherd. 1 bu. $2.50 each; 2 bu. $4.00 each.

Baskets. For holding leaves. 4 bu. $6.00 each.

Baskets, Vegetable. Strapped bail. ½ bus. $1.25 each; ¾ bus. $1.50 each; 1 bus. $1.75 each.

Basswood Poles. 14 ft. long. Used for pruning and tree painting. 75c. each, $8.00 doz.

Bamboo Poles. 20 ft. 75c. each, $8.00 doz.

Baskets, Wire Hanging. Either round or flat bottom. 6 in. 40c. each; 7 in. 50c. each; 8 in. 60c. each; 10 in. 70c. each; 12 in. 80c. each.

Baskets, Orchid. Square, made of best seasoned cherry. 6 in., $5.00 per doz.; 8 in., $6.50 per doz.; 10 in., $8.00 per doz.; 12 in. $10.00 per doz.

Bellows. Houchin Dry Powder. $2.00 to $4.00 each.

Blade, McKenney's Buck Saw. Quickest and easiest cutting saw blade manufactured. Will not bind or clog. Price $1.25 each.

Brown's Powder Gun. For applying powdered insecticides. $1.75 each.

Bill Hooks. For heavy pruning. No. 2, $3.00; No. 3, $3.50.

Boxes for Cut Flowers. The following sizes are kept in stock. Others can be furnished promptly.

No.	Length	Width	Depth	Doz.	100
1	15 in.	5 in.	3 in.	$0.85	$6.50
2	18 in.	5 in.	3½ in.	1.00	7.00
3	21 in.	5 in.	3½ in.	1.10	7.50
4	24 in.	5 in.	3½ in.	1.25	8.00
5	21 in.	8 in.	5 in.	1.35	9.00
6	24 in.	8 in.	5 in.	1.50	10.00
7	28 in.	8 in.	5 in.	1.75	12.00
8	36 in.	8 in.	5 in.	2.00	15.00

Corrugated Shipping.

Size	Inches	Each	Doz.
B	24 x 12 x 6	$0.50	$6.00
C	30 x 12 x 7	.60	7.00
D	36 x 12 x 9	.65	7.50
E	40 x 15 x 9	.90	10.00
F	48 x 15 x 9	1.00	11.50

Brooms. For use in greenhouses, stables, etc. Two sizes, $1.00 and $1.25 each.

Brooms. Rattan and broom corn mixed. $1.50 each.

Brooms, Japanese Bamboo. $1.25 each.

Brushes, Dandy. Imperial. $1.25 each.

Brushes. For applying creosote to destroy eggs of the gypsy moth. 50c. each, $5.00 per doz.

Brushes, Pole. Complete with bracket to attach to pole for using creosote in high places. $1.15 each.

Brushes and Can. For creosote. The can fastens to the belt, leaving the hands free. 75c. each.

Bull Leaders. With brass head, heavy, handled. $4.00 each.

Bull Rings. Copper. Manufactured from the best material only; will not injure the bull's nose. 50c. each.

Bull Rings. Cannon metal. Extra heavy. $1.75 each.

Burlap. For putting around trees to trap gypsy moths. 8 in. wide, 6c. per yard; 100 yards $5.00. 40 in. wide, 18c. per yard; piece about 100 yards, 16c. per yard.

Burning Brands. For marking tools, etc. Six letters or less, $6.00; each additional letter, $1.00.

Bush Hooks. Strapped-eye handle. $2.50.

Carnation Bands. Rubber. 75c. per ¼ lb.

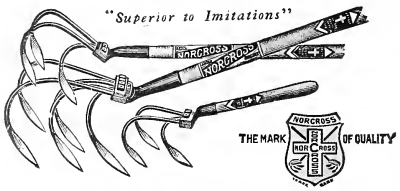
Carnation Supports, Model Extension. Made of heavy steel wire, galvanized. 2-ring per doz. $1.50, $10.00 per 100.

Carnation Support, Excelsior. Heavy galvanized wire. In two sizes, 13 in., $3.00 per 100; 20 in., $3.50 per 100. One of each length makes a complete plant support.

Coal Tar. For covering scars made by removing large limbs from trees. $1.00 per gal., $4.00 per 5 gals.

Cotton Wadding. In large sheets, for protecting plants and flowers from frost. 10c. each, $1.10 per doz., $8.00 per 100.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC.—Continued



Cultivator, The Norcross Hand Garden. Does the work easier and faster than any wheel hoe.

5 prong, 4-ft. handle	$1.00
3 prong, 4-ft. handle	.75
3 prong, 9-in. handle	.40

Cultivator, Norcross A. B. C. Wheel. $6.00. For description, see page 99.

Curry Cards. Small size. 40c. each; large 50c. each.

Curry Combs, English. 50c. each.

Dibbles. Steel points, wooden handle. 75c. each.

Ferrules and Caps and Mal. D's for Handles, 15c. 5c. and 25c. each.

Edging Knife. American, $1.25.

Electric Tape. For mending hose, etc. 50c. per coil.

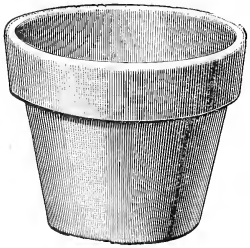
Florists' Vases, Fibre. All sizes, prices on application.

Flower Pot Hanger, Krick's Perfect. No. 1 will fit from 3½ to 5-in. pots, 40c. per doz. No. 2 will fit from 5- to 8-in. pots, 45c. per doz.; No. 3 will fit from 8- to 12-in. pots, 50c. per doz.

Hews' Flower Pots, Azalea. Standard pattern and except for being about 25 per cent less in depth, are identical. While designed for Azaleas, they are splendid for many other plants and bulbs, Hyacinths, especially. Prices and sizes on application.

Hews' Flower Pots, Cyclamen. Standard pattern, and in depth between the Azalea and Standard, designed specially for Cyclamen; they are useful for almost all plants.

Width	Depth	Each	Doz.	100
5 in.	4½ in	$0.07	$0 70	$5 00
6 in.	5 in	.10	1 00	7.00
7 in.	5¾ in	.16	1.65	12 00
8 in.	6¾ in	.23	2.50	18.00



Hews' Flower Pots, Standard

Measurement from inside to inside. Width and depth equal.

Inches	Doz.	100
2	$0.20	$1.40
2½	.30	1.85
3	.35	2.50
3½	.45	3.00
4	.55	3.75
4½	.75	5.00
5	.90	6.80
6	1 35	10.00
7	2.15	17.00
8	3.25	24.50
9	4.70	38.00
10	6.50	50.00
11	10.00	75.00
12	14.00	103.00

Bulb and Seed Pans, Round.

Size	Each	Doz.	Size	Each	Doz.
6 inches	$0.12	$1.30	10 inches	$0.60	$6.50
7 inches	.17	1.75	12 inches	1.25	14.00
8 inches	.25	2.50	14 inches	1.75	20.00
9 inches	.45	5.00	16 inches	2.75	

Fern Pans. These pans are made thin and strong, especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements.

Size	Each	Doz.
4¾ x 2⅛	$0.09	$0.95
5½ x 2¼	.12	1.20
6¼ x 2½	.14	1.35
7 x 2⅝	.15	1.60
8 x 3⅛	.20	2.30
9 x 3¼	.25	2.80
10 x 4	.30	3.15

Flower Pots, Neponset Paper. Made from a properly prepared fabric, which gives the necessary firmness, unbreakable, and made so as to give ample drainage. Not less than one crate at 1000 price.

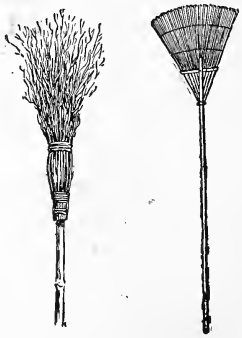
Inches	In crate	Doz.	100	1000
2¼	1000	$0.15	$0.60	$4.55
2½	1000	.18	.70	5.20
3	1000	.20	.85	7.25
3½	1000	.25	1.00	9.90
4	500	.30	1.25	12.40
5	500	.35	2.00	19.35
6	500	.40	3.00	25.90

Flower Pot Saucers, Standard.

Inches	Doz.	100	Inches	Doz.	100
3½	$0.35	$2.50	9	$1.90	$14.00
4	.50	3.25	10	2.25	17.00
5	.60	3.75	11	2.60	21.00
6	.75	5.75	12	3.75	26.00
7	1.10	8.00	13	4.25	35.00
8	1.50	11.00	14	5.00	40.00

Flower Pot Saucers, Fibre. All sizes. Prices furnished on application.

Japanese Bamboo Brooms and Rakes. Very useful on putting greens and fine lawns, and for driveways. Price: Brooms $1.25 each; rakes, $1.50 each.



Thomas J. Grey,
Boston, Mass.

Gentlemen: Received the order of pick and hammer handles the next day after I ordered them. The quality of the goods is excellent, the price and service very satisfactory. Accept my thanks for the same.

Wishing you success in all things, I am,
Very sincerely yours,
(Signed) Abel F. Stevens

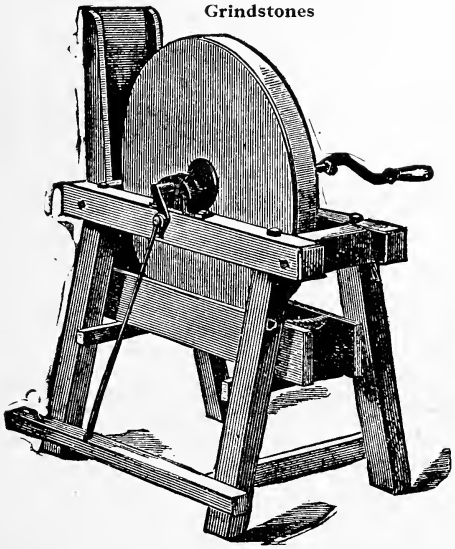
OUR UP-TO-DATE LAWN MOWER REPAIR DEPARTMENT

With its improved facilities for resharpening, repairing and adjusting horse, hand and motor mowers solicits your patronage, and suggests that you be very careful with whom you trust your mowers for sharpening and adjusting. To insure seasonable delivery, early shipments are suggested. Please note what you wish especially done to your mower, on the tag, or by letter. In cases where this is omitted we will sharpen same and put in good order. Please remove handles, when convenient, before shipping. Special tags, which you will find convenient in sending your mower, will be mailed on request.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC.—Continued

Forks, Hay. 3 to 6 ft., bent handles.....$1.25 to $2.00
Forks, Manure. 4 tine, mal. D handle, strapped. 1.65
Forks, Manure. 5 tine, mal. D. handle, strapped. 2.00
Forks, Manure. 6 tine, mal. D. handle, strapped. 2.15
Forks, Manure. 4 tine, wood D. handle, strapped. 2.10
Forks, Manure. 5 tine, wood D. handle, strapped. 2.35
Forks, Manure. 6 tine, wood D. handle, strapped. 2.65
Forks, Spading. 4 tine, mal. D. handle, strapped. 1.75
Forks, Spading. 4 tine, wood D. handle, strapped. 2.15
Forks, Spading. 5 tine, mal. D. handle, strapped. 2.25
Forks, Manure. 4 tine, long handled, strapped. 1.65
Forks, Manure. 5 tine, long handled, strapped. 2.00
Forks, Manure, 6 tine, long handled, strapped. 2.15
Forks, Hand. For transplanting.....50c. to 1.25
Garden Lines, Braided. Will not kink. 100 ft., $1.25, 200 ft., $2.25.
Garden Line Reels. Malleable iron japanned. Small, $1.50; large, $2.00 each.
Glass Cutters. 50c. each.
Glaziers' Points (Van Reyper). Will stop glass from slipping. Made of steel wire galvanized. Per box of 1000, 75c.
Glazier's Points, Siebert's. Made of zinc. Will not rust. In two sizes, ⅝ and ⅞ inches long. Each size 75c. per lb.
Glazing Machine. $3.50 each.
Gloves, Gardeners' Pruning. With gauntlets, $3.00 per pair; without gauntlets, $2.00 per pair.
Grafting Knife, or **Chisel.** Small, $1.00.
Grafting Wax. Of best quality. ¼ lb. 15c., ½ lb. 25c.; 1 lb. 40c.
Grass Hooks, or **Sickles.** English, No. 2, $1.00 each; No. 4, $1.25 each; American, 75c. each.

Grindstones



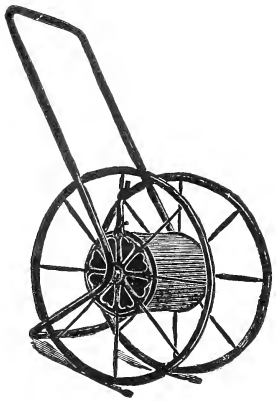
Our stones are selected by a person thoroughly posted on the merits of the different quarries, regarding fineness and sharpness of grit, and all points of advantage to the various uses to which a stone is put. The frame is of selected oak, solidly bolted together, and will last for years. The fixtures are selected with a view to the requirements of the stone on which they are to be used.

	Each		Each
20 in. diam., complete	$18.00	26 in. diam., complete	$24.00
22 in. diam., complete	20.00	28 in. diam., complete	26.00
24 in. diam., complete	22.00	30 in. diam., complete	28.00

Grindstone Fixtures. $2.50 to $4.00 Per Set.
Grindstones, Unmounted. 12c. per lb.
Hammer, Nail. Adze eye, bell face, extra quality. $1.40 and $1.60 each.
Hammer, Stone. Solid cast steel, forge finished and oiled. 3 to 5 lbs., 30c. per lb.; 5 to 30 lbs., 20c. per lb.
Hammer, Stone Striking. Solid cast steel, forge finished and oiled. Under 5 lbs., 30c. per lb.; 5 to 30 lbs., 20c. per lb.
Hatchet, Shingling. Cast steel, polished bits. $1.75 each.
Hatchet, Barrel. $1.50 to $1.75.

Each
Hatchet, Axe Pattern.....$1.25 and $1.50
Handles, Axe. Extra quality hickory..... .75 ($8.00 per doz.)
Handles, Hammer. Extra quality hickory..... .50
Handles, Pick. Extra quality hickory..... .75 ($8.00 per doz.)
Handles, Hay Fork. Extra quality ash.... .50c. to .75
Handles, Hoe. Extra quality ash..... .35
Handles, Manure Fork..... .75
Handles, Shovel and Spade..... .75
Handles, Rake..... .60
Hoes, Nurserymen's. Two-pronged Steel..... 2.00
Hoes, English or **Dutch Scuffle.** 4 in., 80c.; 5 in., 85c.; 6 in., 90c; 7 in., $1.00; 8 in., $1.10; 9 in., $1.25 each, without handles.
Hoes, Socket Draw. 8 in., $1.10 each.
Hoes, Meadow. 9 in., $1.15; 10 in., $1.25 each.
Hoes, Warren. $1.35 each.
Hoes, Mortar or **Street.** 10 in., $1.50 each.
Hoes, Ladies' and Boys'. 75c. and 85c each.
Hoes, Onion. $1.10 each.
Hose Connection, Shut-off. For use with any nozzle that has no shut-off where one is desired. $1.00 each.
Hose Couplings. ½ and ¾ in., per set, 35c. each.
Hose Menders, Hudson's. Boxes containing 1 pair pliers, 5 metallic tubes and 15 wires, per box 75c. Metallic tubes, per doz., ½ in., 60c.; ¾ in., 60c. Wires, 18c. per doz., $1.25 per 100.
Hose Mender, Cooper's. Made of heavy brass, requires no wires or pliers to adjust it. 10c. each, $1.00 per doz.
Hose Menders, Perfect Clinching. In one piece, doing the work of the mender tube and two clamps ordinarily used. ½ and ¾ in., 12c. each, $1.25 per doz.
Hose Clamps. Made of galvanized steel with screw adjustment. ½ and ¾ in., 4 for 25c., 60c. per doz.
Hose Reducers. For connecting ½ in. and ¾ in. hose couplings with Bordeaux or Vermorel Nozzles. 50c. each.
Hose Nozzle, Bordeaux Spray. $1.25 each; with reducer for ¾ in hose, $1.75.
Hose Nozzle, Rose Spray. For greenhouse, flower garden, hotbed, etc. Heavy brass, 3-in. face, $1.00 each; 4-in. face, $1.25. Copper, $1.50 each.
Hoze Nozzle, The Fountain Shower. Makes a mist-like spray. 35c. each.
Hoze Nozzle, Deming-Vermorel Spray. Throws a fine spray. ¼ in. pipe, $1.00, with reducer for ¾ in. hose, $1.50.
Hose Nozzle, Rainbow. Will throw either a spray or a single stream. 75c each.
Hose Nozzle, Non-Clog, Jr. Straight or angle neck; brass. $1.00 each.
Hose Nozzle, New Boston. Will throw a coarse or fine spray or a large or small stream as may be desired. Small, $1.00.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC.—Continued



Hose Reels. All iron, very strong, the best in the market. No. 1, holding 100 ft. $5.00, No. 2, holding 150 ft. $6.50, No. 3, holding 200 ft. $8.00.

Hose, Cotton Garden. We carry all kinds and quality of Cotton Hose for spraying purposes. Prices and samples on application.

Hose, Rubber Garden. "Dreadnaught Brand." A braided hose made of the best materials. Does not kink. We offer this in 25 and 50 ft. lengths, coupled; also in continuous lengths of 500 ft. ½ in., at 22c. per ft., ¾ in. at 25c. per ft.

Hose, Rubber Garden, "Graco Brand." A braided hose of good quality. 50 ft. lengths. ½ in., 16c. per ft., ¾ in., 22c. per ft.

Hose, Washers, Rubber. For ½ in. and ¾ in. hose. Per doz., 5c., per ¼ lb. 50c., per lb., $1.25.

Ink, Indelible. For marking on zinc labels. Small bottles, 35c. each, large bottles, 50c. each.

Knives, Budding and Pruning. Imported. In various styles, $1.50 to $3.50 each.

Labels, Copper. Made of copper and copper wired. Indestructible and always legible. No. 1, 3⅝ x ¾ in. $2.00 per 100; No. 2, 5 x 1⅛ in. $2.50 per 100.

Labels, Simplex Weatherproof. Made of celluloid with mica cover. The writing is protected by the transparent cover, and will last indefinitely if done with a lead pencil. Whatever water enters the sides will not deface the marking, as the graphite of the pencil is not soluble and requires friction to remove it. This friction is prevented by the transparent cover.
(Price includes copper wires for attaching.)

	Doz.	100
No. 1. 3 x ½ in.	$0.35	$2.50
No. 2. 4 x ¾ in.	.65	4.50
No. 3. 5 x 1 in.	.85	6.50

Labels, Wood. For plants and trees.

	Plain or Painted 100	Plain 1000	Painted 1000
4 in. Pot Label	$0.20	$1.25	$1.70
5 in. Pot Label	.25	1.75	2.30
6 in. Pot Label	.30	2.25	2.85
8 in. Garden Label	.90	6.25	8.00
10 in. Garden Label	1.15	8.25	10.50
12 in. Garden Label	1.50	10.50	12.75
3½ in. Tree Label	.25	1.25	1.75
3½ in. Tree, iron wired	.30	1.75	2.25
3½ in. Tree, copper wired	.35	2.25	3.00

Labels, Wood Border. 16 x 1¾ x ⅜ in., $6.00 per 100, $55.00 per 1000.

Labels, Garden. With wire rod 18 in. long, galvanized, to which is attached a copper label. Complete, per 100, $6.00 The rod can be made any length desired at a slight variation in cost. The 18 in. is the one mostly used and the size carried in stock.

Ladders, Extension. 60c. per ft.

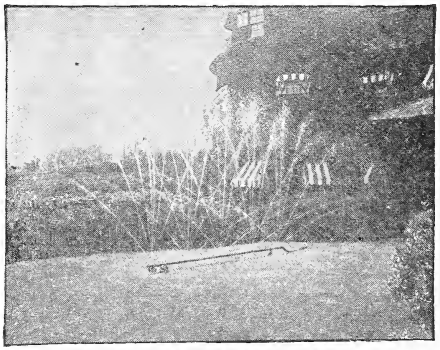
Lanterns, Tubular. All styles.

Lantern Globes. 25c. each, $2.50 per doz.

Lawn Sprinklers, Cyclone. 1 ft. high, 3 arms, $2.25 each.

Lawn Sprinkler, Fountain. Made of brass, in form of a circle. $1.00 each.

Lawn Sprinkler, 20th Century. Two-arm revolving sprinkler. The best low-priced sprinkler on the market, it runs equally well under light or heavy pressure covering a circumference of 35 ft. $1.50 each.



"PEACOCK" LAWN SPRINKLERS

The Skinner System for your Lawn. Can be operated in several sections or singly. Each section waters 750 to 900 square feet. No moving parts. Will last many years. Per section $15.75, Jr. size $9.00.

Lawn Sprinkler "Putting Green." This sprinkler is made for golf courses but will do equally well on private lawns and parks where heavy distribution in short time is required. 44 in. high with two arms. $8.00 each.

SKINNER SYSTEM SECTIONAL GARDEN LINES

Ready to screw together. Portable. Fed by hose. 50 foot Line complete with posts, waters 2500 sq. ft. Price $25.00.

"Rainmaker." 18 foot Line for small gardens. Price $12.50

Lawn Sprinkler, Allen's "Universal." 3 Arms and Fountain. This combination sprinkler is beautiful as well as useful. Brass, nickel-plated, with malleable iron runners; will cover an area of 40 ft. in diameter, $2.50.

"Sunset," a fountain rose sprinkler, with malleable iron runners, $1.00. **"Tuxedo,"** a low fountain rose sprinkler, with malleable iron runners, 75c.

Lawn Boots, Horse. For lawn or golf work, horse boots are indispensable for use in connection with mower or roller. They prevent the horse sinking in damp or soft places and do not cut or tear up the turf. The following patterns have been adopted for some particular merit of their own. Made from select material, durable and easily adjusted.

Links-Lawn. Per set.....$18.00

Baker's Lawn Boots. With leather taps..... 10.00

Baker's Lawn Boots. Without leather taps..... 8.00

Manure Hooks. Long handle, 4-tine, $1.25, 5-tine $1.35, 6-tine $1.50.

Mats, Hotbed. Made by hand of the best rye straw. Size 6 x 6, $3.50.

Mats, Hotbed. 76 x 76 in. Covers two sash, made of heavy cotton or duck, filled and quilted, $3.50 each.

Mattocks. Short cutter on grub hoe. 3 lbs. $1.00 each.

Mattocks, Long Cutter. Extra quality. $1.50 each

Mattocks, Pick. Extra quality. $1.50 each.

Melon Nets. For supporting Melons in the greenhouse. 30c. each, $3.00 per doz.

Mole Traps, "Little Giant." $1.50 each.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC.—Continued

Oilers. With spring bottom. 25c. to 75c. each.

Oil Harvester. For mowers, reapers, etc., Gal. $1.50.

Pails, Stable. Oak, extra quality, with three galvanized hoops. $2.00 each.

Paper, Green Waxed. Sheets 12 x 18 in., lb. 75c.

Paper, White Tissue. Sheets 20 x 30 in., lb. 50c., Ream about 7 lbs., $2.75. Sheets 24 x 36 in., lb. 50c. Ream about 9½ lbs. $4.00.

Paper, White Waxed. Sheets 14 x 18 in., lb. 50c. Ream, about 5 lbs., $2.00. Sheets 24 x 36 in., 50c. per lb.

Paper, White Wrapping. Sheets 24 x 36 in., lb. 22c. Ream, about 40 lbs., 20c. per lb.

Pencils, Indelible Label. With point protector. Black or blue, 20c. each.

Picks, Contractors. Best refined iron with steel points. $1.25 each.

Plant Protecting Cloth for Hotbeds. Valuable for covering hotbeds and frames, instead of glass. Medium grade, per yd. 25c., by the piece (about 60 yds.) 24c. per yd.

Plant Tubs, Cedar.

For ferns, palms and other large plants. Made of thick cedar, nicely painted green. Drop handles. No. 2 and larger have hook handles. Outside measurements:

No.	Diam. across top	Height Outside	Each
1	28 in.	22 in...	$16.50
2	26 in.	20 in...	13.50
3	24 in.	18½ in...	8.25
4	22 in.	17 in...	6.50
5	20 in.	16 in...	5.50
6	18½ in.	15 in...	4.50
7	17 in.	14 in...	4.00
8	16 in.	13 in...	3.35
9	14 in.	12 in...	2.75
10	12 in.	9½ in...	2.10
11	10½ in.	9 in...	1.80
12	9½ in.	8 in...	1.50
13	8 in.	7 in...	1.25

Plant Tubs, Oak.

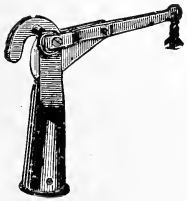
Natural wood finish. These are neatly made with galvanized iron hoops and handles. Outside measurements:

No.	Diam.	Height	Each	No.	Diam.	Height	Each
1	12 in.	11 in.	$4.50	5	20 in.	17 in.	$8.00
2	14 in.	12 in.	6.00	6	22 in.	18 in.	8.50
3	16 in.	13 in.	7.00	7	24 in.	20 in.	9.00
4	18 in.	15 in.	7.50	8	26 in.	22 in.	9.50

Plant Sprinklers, Scollay's Rubber. Straight neck or angle neck. Large size, $1.50 each.

Post Hole Digger. 4 ft. Atlas. $2.00 each.

Potato Hooks. Steel shank. 5-tine $1.25; 6-tine $1.35 each.



Pruner, Standard Tree. Operated by a lever, to which the blade is connected by iron rod, 6-ft. pole $2.00, 8-ft. pole $2.25, 10-ft. pole $2.50, 12 ft. pole $2.75, 14 ft. pole $3.00, 16 ft. pole $3.50 each. Extra blades, 25c. each.

Pruner, Telephone Tree. Without pole (*See cut.*) A pole of any length to suit requirements can be inserted in the socket. It is operated by a cord tied in the end of the lever. $1.25 each. Extra blades 25c. each. Extra springs 25c. each.

Pump "Auto Spray." A self-operating sprayer, simple in construction, durable, easy to carry and to work. Made of solid brass or galvanized iron, with four-ply rubber hose. For spraying trees, shrubs, cleaning windows, etc. A perfect pump. Price with brass tank and auto-pop nozzle, $9.50, galvanized tank and auto-pop nozzle, $6.50. Brass elbow, 35c.; brass strainer $1.25; brass extension pipe, 2 ft. 50c. each. Bamboo extension pipe, 9 ft., $4.00 each.

Pump, Auto Spray No. 5. Made entirely of brass, with two ball valves that can be instantly cleaned, it is double-acting and throws a continuous spray. Excels all hand pumps.

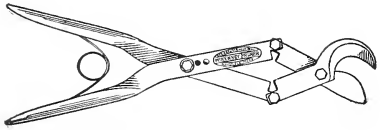
Complete with pump, hose, nozzle and strainer.....$4.50

Galvanized iron knapsack tank with carrying straps.....$3.00

Extension rod, curved.....$0.50

Pump and knapsack complete, with extension rod ... 8.00

Pump, Auto Spray No. 40 D. A hand lever pump with truck and 8 ft. of hose, and Auto Spray nozzle; highly recommended for greenhouse spraying. Capacity 12 gals. Price complete, $28.00.



Pruner, "McKenney" No. 0. A one-hand pruner having compound leverage and two cutting blades. Designed so that it may be used to advantage in very thick shrubbery. Price $4.00 each.

Pump, Auto Spray No. 6. Double-acting, high pressure, bucket pump. Price $4.75.

Pump, Kinney's Atomizer. For use in greenhouses to distribute liquid fertilizer or to mix or temper hot and cold water under pressure. $2.25 each.

Putty Bulb. For glazing greenhouse sash, $1.50 each. By mail, $1.60.

Putty, Twemlow's Old English Glazing. A superior article for bedding glass in sash or filling cracks or seams in roof joints, etc. 1 gal., 3 gal. and 5 gal. containers at $3.75 per gal.

Raffia. The best material for tying. Soft, pliable and strong. 30c. per lb., 10 lbs. 25c. per lb.

Raffia, Green. For tying plants, etc. $1.50 per lb.

Rakes, Gibbs' Lawn. All steel; reversible, strong and light, 24 teeth. 75c. each.

Rakes, Hay, Wood. Extra quality, three bow, $1.10 each.

Rakes, Lawn, Wood. Three bow, bent handle, with close teeth. $1.25 each.

Rakes, Steel. Heavy, for roadwork. 14 teeth, $1.40; 16 teeth, $1.50.

Rakes, Steel Garden. Long teeth. 10 teeth, 90c, 12 teeth, $1.00, 14 teeth, $1.10, 16 teeth, $1.25, 18 teeth $1.35.

Rakes, Steel Lawn. Short teeth. 12 teeth, $1.10, 14 teeth, $1.25, 16 teeth, $1.35, 18 teeth, $1.50.

Rifle, Scythe. Best quality. 35c. each.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC.—Continued

Sash, Hotbed. Well made from thoroughly seasoned lumber, and glazed with double thick glass. Frame 1¾ in., 3x6 ft., $9.50 each. Crating extra at cost.

Saws, Cross-Cut Disston's. Two-man, filed and set ready for use. 4½ ft. $5.00, 5 ft. $5.50, 5½ ft. $6.00, 6 ft. $6.50 each. Handles 75c. per pair.

Saws, Cross-Cut, One-Man, Disston's. With supplementary handles. 3 ft. $4.00, 3½ ft. $4.50, 4 ft. $5.00 each.

Saws, Hand. Extra refined spring steel. 22 in. $3.00, 24 in. $3.25, 26 in. $3.50 each.

Saws, Pole Pruning. $2.00 to $2.50.

Saws, Pruning. Single and double edge. Extra refined spring steel. 18 in. $1.75, 20 in. $2.00 each.

Saws, Wood (Buck). No. 45, complete, with narrow, extra thin, blued, clock-spring blades. $2.00 each.

Scissors, Flower. For cutting and holding flowers. 6 in. $1.75 each, 7 in. $2.50 each.

Scissors, Grape or **Vine.** For thinning the bunch. Nickel-plated, 6 in. $1.75, 7 in. $2.25 each.

Scissors, Bow, Pruning (Rose Pruners). Nickel plated. 4 in. $1.50, 5 in. $1.75, 6 in. $2.00 each.

Scoops, Coal. Extra quality. No. 2, $2.00, No. 3, $2.25, No. 4, $2.50, No. 5, $2.75, No. 6, $3.00 each.

Scoops, Furnace, Long Handle. $1.00 to $1.50 each.

Scythes, "Witherell's." Finest Cutlery Steel. Fully warranted. $2.00 each.

Scythes, Broad English, or **Lawn.** $3.00 each.

Scythes, Heavy Bush. $2.00 each.

Scythes, Weed or **Bramble.** $2.00 each.

Scythe Snaths. $1.75 each, bush, $2.00 each.

Scythes Stones. Carborundum. 50c. each.

Scythe Stones. Talacre. 50c. each.

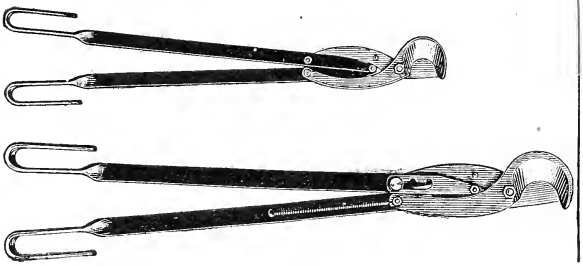
Scythe Stones. "Manchester." 25c. each.

Seed Sower, "Cahoon." Best machine for sowing broadcast, grass seed, oats, barley, etc. $6.00 each.

Seeder, Wheelbarrow Grass. This seeder is arranged to sow all kinds of grass seed, etc., in any quantity, from 6 to 40 qts. to acre. Price, with 14 in. hopper, $14.00 ea.

Silkaline (Smilax Thread). Spools 40c. each, per box of 8 spools, $3.00.

Shears, Branch, or **Lopping, "McKenney."** They are the easiest and only perfect cutting pruners on the market. The only pruners that will cut branch limbs close to the main limb, making better cuts than can be obtained by use of the finest tooth pruning saw. No. 1, $5.00; No. 2, $6.50 each.



Shears, Lopping, "Disston's Bull Dog." $3.50 each.

Shears, Grass Border. Long handle, 8 in. blade, $6.00, 9 in. $6.50, 10 in. $7.00 each. Long handle wheel, 9 in. blade, $7.00, 10 in. $7.50 each.

Shears, Grass or **Sheep.** $1.00. Extra quality $1.50 ea.

Shears, Hedge or **Grass.** English, pruning notch. 8 in. blade, $4.00, 9 in. $4.50, 10 in. $5.00 each.

Shears, Lawn or **Grass.** Long handle, 9 in. $6.50, with wheels, $7.50.

Shears, Ladies' Hedge. 6 in. $3.50.

Shears, Ladies' Pruning. No. 23, fine nickel-plated. 5½ in. $1.75 each; 6½ in. $2.00 each.

Shears, Twin Works Pruning. Nickel-plated, lock nut, volute spring. 8 in. $2.50, 9 in. $3.00, 10 in. $3.50.

Shears, Pruning, French. With wheel spring, polished, 7 in. $2.50, 8 in. $3.00, 9 in. $3.50, 10 in. $4.00. Extra springs 50c. each.

Shovels, Snow. Wood. Malleable iron tip, $1.25 each.

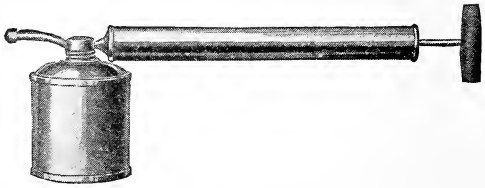
Shovels, Snow. Steel, either long or D handle, $1.00 each.

Shovels, Superior Steel. Round or square pointed. D or long handle, No. 2, $2.00 each, No. 3, $2.25 each.

Shovels, Market Gardeners. Light weight for banking Celery, etc. Long handle. $1.50 each.

Sod Lifter. Useful for cutting under sod as it is being rolled. English, spade-shaped. Price $12.00 each.

Spades, Superior Steel. Extra quality. Either D or long handle. No. 2, $2.00 each; No. 3, $2.25 each.



Sprayer and Atomizer, Compressed Air. Makes a continuous fog-like spray which can be delivered at any angle. 1 qt. brass tank, $1.25, 2 qt. brass tank, $1.75 each.

Sprayer, Vapor. Nickel plated. Can be used in any ordinary bottle. Excellent for house use. $1.50 each.

Stake Fasteners, Eureka. For holding the wire to rose stakes. Box of 1000, $2.50.

Stakes, Japanese Cane, Green. Small and inconspicuous, but strong and useful for plants.

Ft.	Doz.	100	1000	Ft.	Doz.	100	10.00
1	$0.12	$0.75	$6.00	3	$0.20	$1.50	$13.00
1½	.12	.85	7.00	3½	.25	1.75	15.00
2	.15	1.00	9.00	4	.30	2.00	18.50
2½	.18	1.35	11.50	5	.35	2.50	23 00

6 ft., Plain, 40c. per doz., $3.00 per 100, $28.00 per 1000.
8 ft., Plain, 50c. per doz., $4.00 per 100, $37.00 per 1000.

Stakes, Galvanized Wire Rose. From 3 to 6 feet. Made of heavy Galvanized Wire. Prices on application.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC.—Continued

Stakes, Garden, Painted Green. For house, greenhouse and conservatory.

Light Round Stakes

Ft.	Doz.	100	Ft.	Doz.	100
1½	$0.35	$2.50	3½	$1.35	$10.00
2	.60	4.50	4	1.75	12.00
2½	.85	6.25	5	2.00	16.00
3	1.10	8.25			

Heavy Round Stakes

Ft.	Doz.	100	Ft.	Doz.	100
3	$1.75	$13.00	5	$3.00	$23.00
4	2.25	17.00	6	3.50	27.00

Square Stakes

Ft.	Doz.	100	Ft.	Doz.	100
1½	$0.35	$2.10	4	$1.75	$12.00
2	.50	3.75	5	2.25	18.00
2½	.75	5.50	6	3.00	20.00
3	1.00	7.00 Ex. heavy	4	3.50	26.00
3½	1.25	9.00 Ex. heavy	5	4.00	28.00
		Ex. heavy	6	5.00	32.00

Stakes, Square, Unpainted. Hardwood.

	100	1000
27 inches long	$0.60	$4.50
36 inches long	1.00	7.00
48 inches long	1.25	9.00

Sticks, Match. Fine, 5-32 in. thick. Green, 60c. per 100; $4.50 per 1000.

Styptic, Thomson's (Imported). To prevent the bleeding of grape vines. Per bottle $1.25.

Tamper. Dirt and sod, high grade. 6x8 base. $2.50 each.

Tape Lines. Pocket size, linen and steel. Nickel plated case, 3 ft. and 5 ft., 60c. to $1 00 each.

Tape Lines, "Lufkin." Cotton, linen, metallic and steel. 25, 50 and 100 ft., 75c. to $10.00 each.

Thermometers, Wilder's. Japanned tin case, convex scale. 6 in., 75c.; 8 in., $1.00; 10 in., $1.25.

Thermometers, Wilder's. Japanned tin case, heavy. 8 in., $1.00; 10 in., $1.25; 12 in., $1.50.

Thermometers, Wilder's Hotbed Boxwood, brass-tipped; $3.00 each.

Tinfoil. For bouquets., etc. 40c. per lb.; violet, 75c. per lb.; green, 75c. per lb.

Tree Guards. Made of heavy galvanized wire pickets, held together by twisted cables. Price $3.00.

Tree Scrapers. $1.25 and $1.50 each

Trellis, Tomato. Two hoop; 20c. each, $2.00 per doz.

Trellis, Tomato. Made in the usual form of seasoned hard wood with four smooth planed posts and turned rods. 35c. each $3.75 per doz.

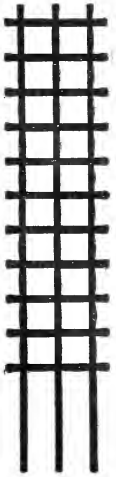
Trellis, Tomato, Handy Vine. Made of wood and wire. 35c. each, $3.75 per doz.

Trellis, Fan.

Height	Each	Doz.	Height	Each	Doz.
1½ ft.	$0.50	$5.00	4 ft.	$2.25	$24.00
2 ft.	.65	6.00	5 ft.	2.75	30.00
2½ ft.	1.00	10.00	6 ft.	3.25	35.00
3 ft.	1.50	16.00	7 ft.	3.50	40.00
3½ ft.	1.75	18.00	8 ft.	4.00	45.00

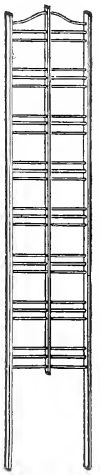
Trellis, Veranda. Made of wood and painted dark green, and especially adapted to outdoor use for high climbing vines and roses.

High	Wide	Each	Doz.	High	Wide	Each	Doz.
5 ft.	18 in.	$2.50	$28.00	9 ft.	18 in.	$4.25	$49.00
6 ft.	18 in.	3.00	33.00	10 ft.	20 in.	5.00	55.00
6 ft.	28 in.	3.75	40.00	10 ft.	31 in.	6.25	72.00
7 ft.	18 in.	3.50	39.00	11 ft.	20 in.	5.25	60.00
8 ft.	18 in.	4.00	44.00	12 ft.	20 in.	6.00	66.00
8 ft.	28 in.	5.00	57.00	12 ft.	36 in.	7.25	86.00



Lattice

Fan



Veranda

Trellis, Lattice. Made of wood and painted dark green. This style is made to satisfy the increasing demand for a plain yet substantial support which is in harmony with the tendency toward severe lines in architecture. Made in only one width, thus being adaptable around windows and doors, as it can be cut into any desired length.

High	Wide	Each	Doz.	High	Wide	Each	Doz.
6 ft.	18 in.	$3.00	$33.00	10 ft.	18 in.	$5.00	$55.00
7 ft.	18 in.	3.50	39.00	11 ft.	18 in.	5.50	60.00
8 ft.	18 in.	4.00	44.00	12 ft.	18 in.	6.00	66.00
9 ft.	18 in.	4.50	49.00				

Trowels, Garden, English Genuine. Extra heavy, 6 in. $1.00; 7 in. $1.25.

Trowels, Transplanting. 6 in. 25c., 7 in. 30c.

Trowels, Berry. 4½ in. 60c. each.

Trowels, Flat Steel. Best steel, carefully tempered. 6 in. $1.25, 7 in. $1.50 each.

Trowels, Garden. Extra forged steel. Solid steel blade and shank. 6 in. 65c., 7 in. 75c. each.

Twine, Green Linen. For Smilax. 50c. per ball.

Twine, Green Cotton. 25c. per ball, $2.50 per doz.

Twine, Hard. "For tying parcels." Heavy, medium and light. 50c. per ball, $5.50 per doz.

Twine, Soft. 35c. per ball, $3.50 per doz.

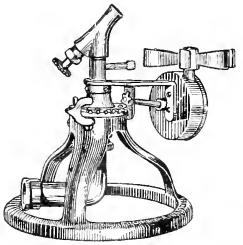
Twine, Tarred Marline. Twisted. In 5-lb. and 10-lb. balls. Each 55c. per lb.

Twine, Tarred Yarn (Lathyarn). Excellent for tying shrubs, etc. 30c. per lb.

Twine, White Cotton. 25c. per ball, $2.50 per doz.

Twine, Yacht Marline. In ½-lb. balls, 50. each.

Dayton Sprinklers. Rotary and oscillating. For beautiful lawns, gardens, and golf courses. They are adjustable at will from a bell-shaped spray or full stream, half or full circle, 15 to 80 ft. diameter. They give a gentle, even, steady and penetrating spray. Type A illustrated, price $8.00; Type A, mounted on Dayton hose reel, price $16.00; Lawn Type B, its range is from 3 to 50 ft., price $3.75.



Circular describing all fully, on request.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC.—Continued

Truck and Leaf Rack. An extremely useful combination. With 2½-in. tires, $28.00; 3½-in. tires, $30.00.

Truck and Water Barrel with 2½-in. tires, $24.00; 3½-in. tires, $26.00.

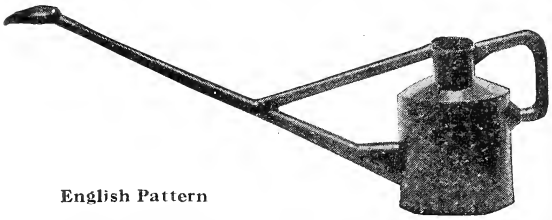
Truck and Hand Cart Box with 2½-in. tires, $22.00; 3½-in. tires, $24.00.

Extra Barrels with Trunnions, $8.50; extra trunnions, $1.50 a pair.

Leaf Rack only, $14.00; Hand Cart Box only, $6.50.

Watering Pots. For house use; made of tin painted green and have long spouts. 2 qts. $1.00, 4 qts. $1.25.

Watering Pots, English. An ideal pot for watering seedlings, cuttings, etc. 3 qt. $5.00, 4 qt. $6.00, 6 qt. $7.00, 8 qt. $7.50, 10 qt. $8.00 each.



English Pattern

Watering Pots, French. Made of galvanized iron; oval in shape, with brass handle and long spout; one fine and one coarse copper-faced rose with each. 6-qt. $5.25, 8 qt. $5.75, 10 qt. $6.25, 12 qt. $6.75 each.

Watering Pots, Galvanized Iron. The best watering pot made, for strength, durability and neatness. Made from best quality iron; the top and back handles riveted on; an iron band on the bottom; the spout riveted, and a brace around it riveted to the body, and galvanized after it is made. A coarse and fine copper-faced rose with each pot. Extra rose 60c.

	Each
4 qts., spout 18 in. long	$4.00
6 qts., spout 21 in. long	4.50
8 qts., spout 23 in. long	5.00
10 qts., spout 25 in. long	5.50
12 qts., spout 25 in. long	6.00

Weeders, Baby Warren Hoe. 50c. each.

Weeders, Onion. Triangle-shaped, 8-in. handle, 3-in. blade, 40c. each. 4-ft. handle, 3-in. blade, 65c. each.

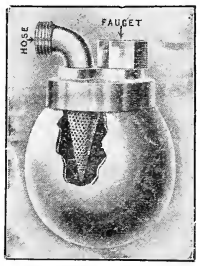
Weeder, Three-Pronged. 50c. each.

Weeder, Excelsior. 15c. each.

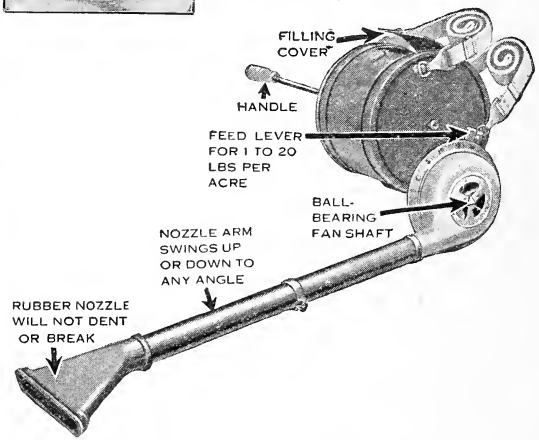
Weeder, Hazeltine. Steel blade, with wooden handle. 30c. each.

Wedges. Truckee pattern, solid cast steel. 15c. per lb.

Whiffltrees. Selected ash. $1.00 to $1.50.



Soap Sprayer, Barrie's. Made of solid bronze, heavily nickel plated. Soap is placed in the bowl, the sprayer attached to the faucet and the hose to the sprayer. Water entering the bowl agitates the soap, giving a mild insecticide through the hose, while spraying, never injures the plants and is excellent for destroying green fly, etc., in greenhouse and garden. $7.50 each.



"The Savage Duster." Highly adapted for spraying garden vegetables of every description, shrubbery, plants, etc. Will spray everything in powder form. It sprays easier than any hand duster on the market, requires no lubrication, as all gears and pinions are packed with a special grease, sealed in the gear case, to always insure proper lubrication without attention. It is built of the finest material and workmanship. Will last several years. Descriptive circulars on request. Price $22.00.

Wire. Annealed galvanized. No. 14, $1.75; No. 16, $2.00; No. 18, $2.25; No. 20, $2.50 per stone of 12 lbs., in coils.

Wrenches, Monkey. Knife handle. 6 in. $1.00 each, 8 in. $1.25 each, 10 in. $1.50 each, 12 in. $2.00 each 15 in. $2.50 each.

Wrenches, Stillson. Length when opened 6 in., $1.00 each, 8 in. $1.15 each, 10 in. $1.25 each, 14 in. $1.65 each, 18 in. $2.50 each, 24 in. $3.50 each.

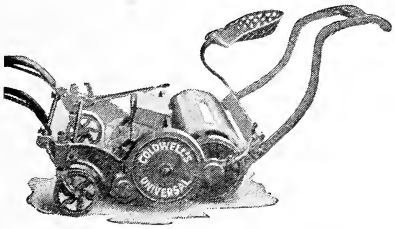
WE are headquarters for the International Harvester Co.'s line of Deering and McCormick Harvesting Machines, Tillage Implements, etc., including Binders, Cream Separators, Engines, Ensilage Cutters, Grinders, Harrows, Hay Loaders, Manure Spreaders, Mowers, Rakes, Tedders, Tractors, Sulky and Walking Plows, and repairs for same.

Also headquarters for Coldwell Motor, Horse and Hand Mowers, Townsend Triplex Horse and Hand Mowers and Pennsylvania Golf and Hand Mowers.

Agents for the Hussey Plow, Iron Age Seeders and Cultivators.

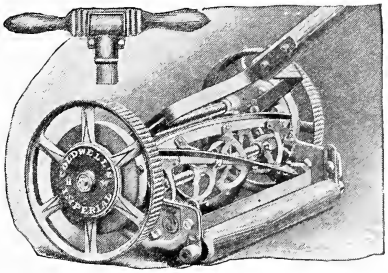
Agents for Columbian Tape-Marked Pure Manila Rope.

LAWN MOWERS



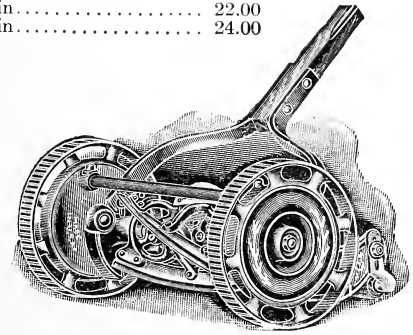
"Coldwell" Universal Horse Lawn Mower. They are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Each mower warranted to give complete satisfaction. The new attachment for instantly raising the knives when traveling along roads and stony places is very convenient.

30 in. Complete with seat and shafts.....$150.00
35 in. Complete with seat and shafts..... 175.00



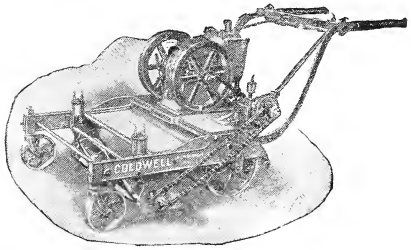
Coldwell's Imperial Lawn Mower. The best lawn mowers in the market. The principal feature of these machines is that the bottom knife-bar is bolted to the sides, thus making the frame perfectly rigid, while by a new patent hanger the revolving cutter is adjusted to the bottom knife. This is the reverse of the adjustment in all other mowers. We also have this in a 5-blade roller bearing at $2.50 extra each.

	Net Cash Price
14-in	$18.00
16-in	20.00
18-in	22.00
20-in	24.00



Coldwell's "Newport." The best medium priced plain bearing mower on the market. Especially designed to combine strength and durability with light weight construction. It has the same quality and weight of steel as used in the very best mowers.

14-in.....$11.00
16-in..... 12.00
18-in..... 13.00

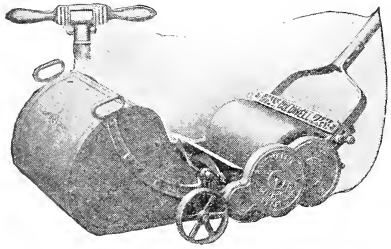


Coldwell's Combination Roller and Motor Lawn Mowers. (Walk Type). Are very simple in their construction and easily handled. The operator simply guides the mower, that's all. Fuel—gasolene. Negotiates any grades that you would cut with a horse lawn mower. 6 to 8 acres per day.

Model H, 30-in. cut, weight 900 lbs.
Model G, 35-in. cut, weight 1000 lbs.

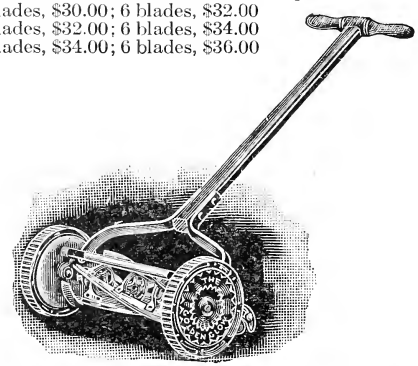
Prices: H, $425.00; G, $475.00, net cash, F. O. B., Newburgh, N. Y.

Model L (Smaller Type) width of cut 25 in. Price, $350.00, F. O. B. Newburgh, N. Y.



Coldwell's Roller Mowers for Putting Greens and Borders. In addition to the usefulness of these mowers for regular lawn work, they will cut perfectly grass borders even though they are the narrow strips of sod between flower beds and walks. Strictly high grade machines. We offer the Chain Roller Mowers and the Geared Roller Mowers each at the same prices:

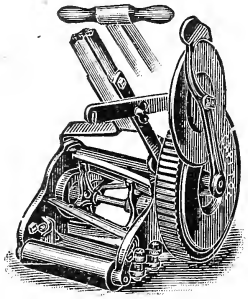
12-in., 4 blades, $30.00; 6 blades, $32.00
14-in., 4 blades, $32.00; 6 blades, $34.00
16-in., 4 blades, $34.00; 6 blades, $36.00



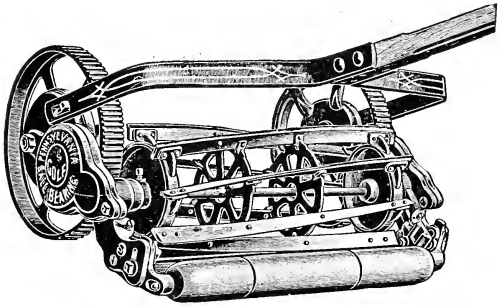
Coldwell's "Improved Golden Glow." This is the best lawn mower ever offered at the price. It has large driving wheels, insuring lightness of draft, and four blades in the revolving cutter, giving fineness of cut. The workmanship and finish on this mower is unsurpassed.

14-in.....$10.00
16-in..... 10.50
18-in..... 11.00

LAWN MOWERS—Continued

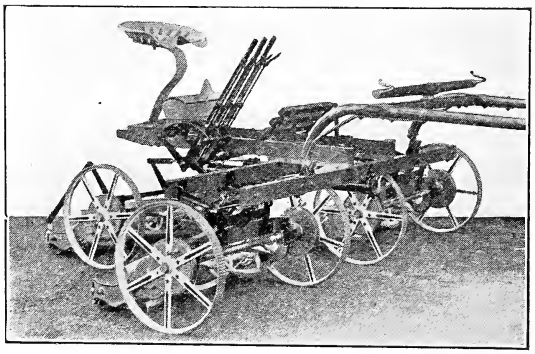


The "Capitol" Trimmer and Edging Machine. It does what no other machine can do and what Lawn Mowers leave undone. It trims and edges the lawn in the quickest possible time. The greatest labor saving Gardener's tool on the market. Price $12.00.

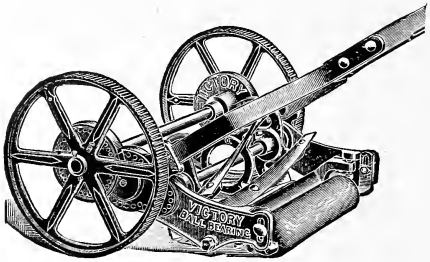


Pennsylvania High Wheel Lawn Mowers. Considered by many the highest grade lawn mower manufactured. 15 in. $28.00, 17 in. $30.00, 19 in. $32.50.

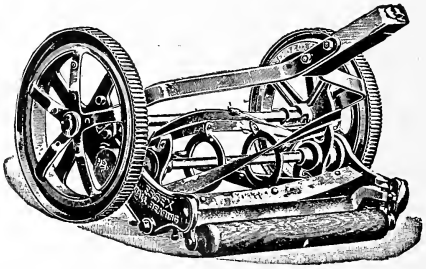
Pennsylvania Golf Mowers. The highest grade hand golf mower on the market. High wheel ball-bearing, seven-blade. 17 in. $36.00, 19 in. $40.00, 21 in. $44.00. Low wheel, plain bearing Putting Green Mower, six-blade. 16 in. $25.00, 18 in. $28.00. Grass boxes for any of the above, $8.50 each.



Townsend's Triplex Horse Mower. A mower that will cut a swath 86 in. wide. Lighter than the ordinary horse lawn mower. A money saver. $450.00 f. o. b. factory. Extra units, $115.00 f. o. b. factory.

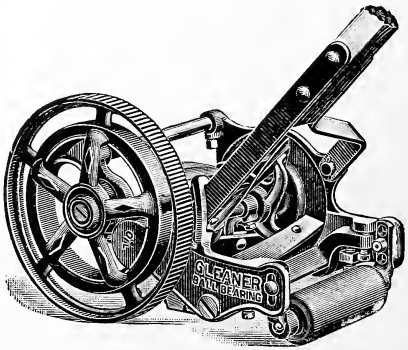


Victory Ball-Bearing Lawn Mower. 10-in. wheel, 4-bladed reel, construction light; easily run and almost silent. 14 in. $18.00, 16 in. $20.00, 18 in. $22.00, 20 in. $24.00.



Essex Lawn Mowers, Ball-Bearing. We submit this mower as the highest type of a double gear grass cutting machine. The 11-in. drive wheels make it the easiest running mower in the world. It is made with a reel or wiper of over 6 in. in diameter (four blades) which enables the user to cut much higher grass than can be cut by the ordinary mower. 14 in. $18.00, 16 in. $20.00, 18 in. $22.00, 20 in. $24.00.

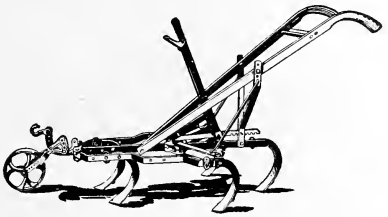
Red Bird. Ball-Bearing. A splendid machine at low price. It is easy running. It is light, strong and durable. Quiet in action, easy of adjustment, and does excellent work. It is as good, mechanically, as some mowers of double its selling price. 9½-in. wheel, 4 blades. 12 in. $11.00, 14 in. $12.50, 16 in. $13.50. 18 in. $15.00.



Townsend's "Gleaner," Ball-Bearing. Strong, light and powerful. We warrant it the best trimmer on the market. Only ⅛ in. of metal between ends of blades and any obstruction to be cut around, 9-in. wheel, 4 blades. Width of cut 8 in. $10.00 each.

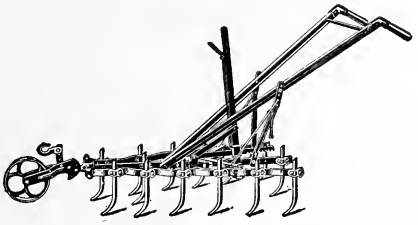
Grass Catchers. Will fit any style of Lawn Mower, 14 in. and 16 in. $2.00 each, 18 in. and 20 in.. $2.50 each.

Farm and Garden Tools and Implements



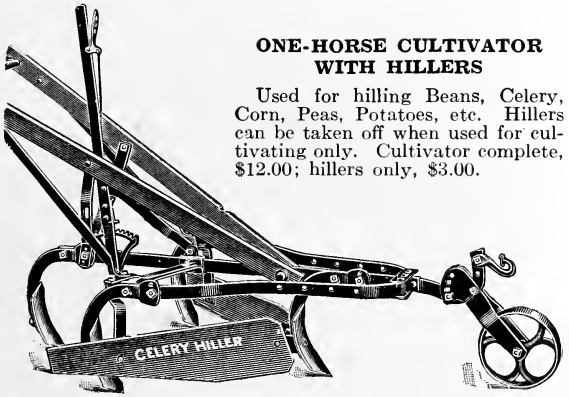
CULTIVATOR, McCORMICK-DEERING

McCormick-Deering 1-horse cultivators can be supplied in 5-, 7-, and 9-shovel and 14-tooth, with a variety of special equipment that adapts them to the needs of those sections where the work is done with one horse. For the cultivation of all farm and garden crops, they cannot, so far as quality of work is concerned, be beaten by any other type of cultivator. We would call particular attention to the superior form of construction by which the cultivator may be varied from the narrowest to the widest position with one motion and with no change of bolts, and when closed up does not get on dead center or become difficult to open. Prices on application.



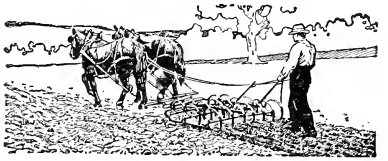
CULTIVATOR, McCORMICK-DEERING, SPIKE-TOOTH

A strongly built cultivator. Teeth clipped rigidly to bars and adjustable to three angles of penetration. Especially adapted to pulverize the soil and leave it smooth and level. The teeth are reversible and the pitch can be quickly changed forward or back by simply loosening one bolt at each tooth. Expanding lever, 14 teeth and wheel. Price of same $10.00.



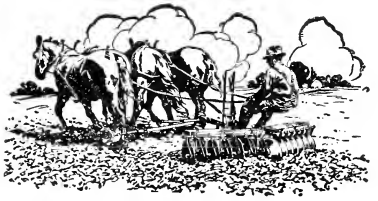
ONE-HORSE CULTIVATOR WITH HILLERS

Used for hilling Beans, Celery, Corn, Peas, Potatoes, etc. Hillers can be taken off when used for cultivating only. Cultivator complete, $12.00; hillers only, $3.00.



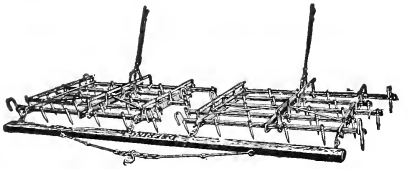
HARROW, McCORMICK-DEERING, SPRING TOOTH, WITH LEVERS

	Price
9-tooth, 1-horse, with plain teeth; weight 117 lbs.	$18.00
15-tooth, 2-horse, with plain teeth; weight 218 lbs.	28.00
17-tooth, 2- or 3-horse, with plain teeth; weight, 232 lbs.	30.00
Sulky attachment for 15- and 17-tooth Harrows	12.00



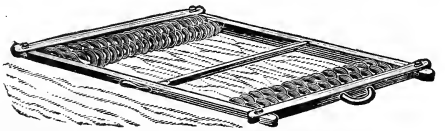
HARROW, McCORMICK-DEERING DISC

For crushing clods, pulverizing hard-baked clay land, or cutting up sod ground, no harrow rivals this one. It is made with a much stronger frame than the ordinary type of disc harrow, being made of a heavy angle steel cross-bar to which draft links are fastened. Made with either solid or cutaway discs. It is made in different sizes for horses or tractors. Can be supplied with fore carriage and transportation trucks or separate if desired. Prices on application.



HARROW, McCORMICK-DEERING, PEG-TOOTH

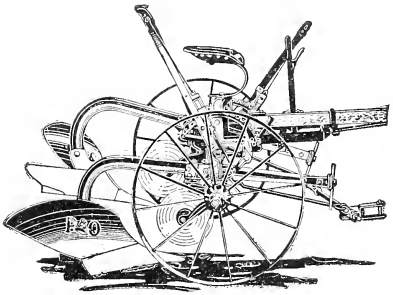
This harrow can be used with great success on stony ground. Teeth can be quickly set at any desired angle by the lever. One section, with evener, for one horse, $14.00; two sections with evener, for two horses, $25.00.



MEEKER SMOOTHING DISC HARROW

Designed especially for market gardeners' work. A perfect harrow and landroller combined. The frame measures 6 ft. 8 in. by 6 ft., and has four sets of rollers, having 58 steel discs 8 in. diameter on them. The discs grind all the lumps so fine that the seed must come up. leveling and leaving the land fine and smooth and does its work far better than the rake. Price, $40.00.

FARM AND GARDEN TOOLS AND IMPLEMENTS—Continued

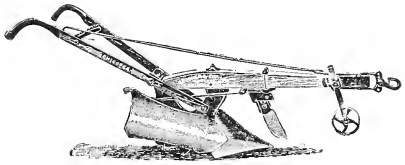


P. & O. SUCCESS SULKY PLOW

Throws all furrows the same way. Leaves no dead furrows. The Two-Way Success has a right and a left hand bottom. Instead of plowing around the land, it plows on the same side all the time, using the right hand bottom one way and the left hand bottom returning. This method leaves the land in a "solid body," eliminating dead and back-furrows. It is, therefore, the proper plow for hillsides, irrigated fields and irregular fields, though it is equally efficient as a general purpose sulky. Equipped for two or three horses. Prices on application.

PLOWS, HUSSEY HARD METAL

	Price
No. 100. One-horse. Furrow 5 to 6 in. deep, 10 in. wide	$16.00
No. 102. Light two-horse. Furrow 5 to 7 in. deep, 12 in. wide	18.00
No. 104. Medium Sward. Furrow 8 in. deep, 16 in. wide	24.00
No. 106. Large Sward. Furrow 9 in. deep, 16 in. wide	28.00



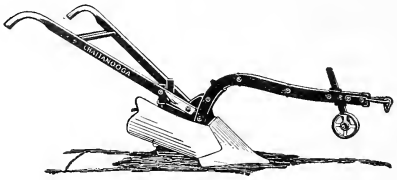
THE ORIGINAL 76 WOOD BEAM HILLSIDE PLOW

This pattern of the popular A. B. C. Series is of light weight and thoroughly constructed. The woodwork is cut from clear, straight-grained, well-seasoned hardwood; handles can be raised or lowered. Has automatic cutter, shifting lever clevis and a spring foot latch. Made in three sizes.

A. Large, two-horse, complete with wheel and cutter	$27.00
B. Regular two-horse, complete with wheel and cutter	24.00
C. One-horse, complete with wheel and cutter	16.00

REPAIRS

We carry in stock a full line of repairs for all machines which we catalogue, thereby saving our customers a loss of time and expense in ordering same from manufacturer.



THE CHATTANOOGA STEEL HILLSIDE PLOW

The very latest series of steel hillside plows manufactured. They are the result of years of experiment and for strength, lightness and ease of draft cannot be equaled; while intended for hillside work, will do equally as good work on level land.

No. 208. 1-Horse Plow with wheel	$16.00
No. 210. 2-Horse Plow, complete with cutter or jointer	28.00

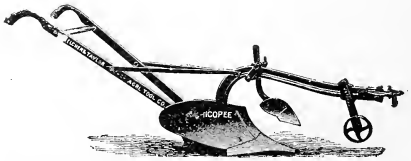
THE ONE-HORSE WOOD BEAM PLOW

Beam adjustable so that the horse can walk on the land or in the furrow.

	Price
No. 0. Medium one-horse plow. Will turn furrow 5 inches by 10 inches	$11.00
No. 1. One-horse plow. Will turn furrow 5½ inches by 11 inches	12.00
No. 52. Grey's Special. Regular, one-horse plow with wheel	15.00

THE VINEYARD AND GARDEN PLOW

Chilled wearing parts. Horse can walk in the furrow or on the land. Handles can be adjusted sideways or up and down. Iron beam, one-horse, with wheel, $15.00.

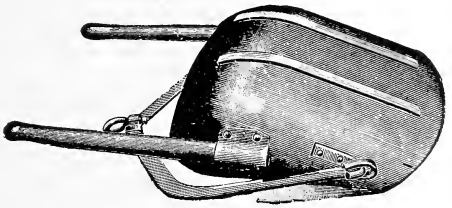


THE COMBINATION STEEL BEAM LANDSIDE PLOW

The latest and most up-to-date steel landside plows on the market. Furnished with jointers or cutters, as desired

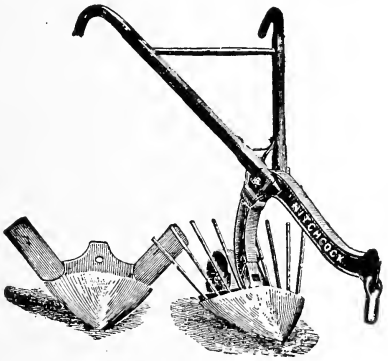
No. 96. Regular two-horse. Complete	$28.00
No. 125. Heavy two-horse. Complete	30.00
No. 100. Regular two-horse, same as above, but with shorter beam. Specially adapted for stony ground. Complete	29.00

FARM AND GARDEN TOOLS AND IMPLEMENTS—Continued



AMERICAN STEEL DRAG SCRAPER

Our late addition of a steel drag scraper is of an improved pattern and made without seam or lap, pressed from a single plate of steel. The bowl is well rounded at the sides and curved upward to form the back. They are strong and substantial and made in three sizes. No. 1, 7 cu. ft., $12.00; No. 2, 5 cu. ft., $11.00; No. 3, 3 cu. ft., $10.00.



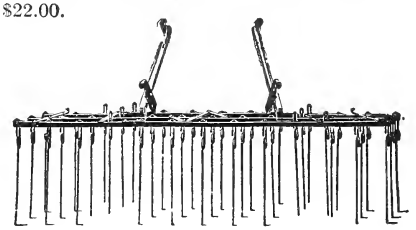
POTATO DIGGER AND SHOVEL PLOW COMBINED

This implement, though very simple in appearance, is the result of much study and many experiments; and it is as near perfect as can be attained and come within the reach of every farmer. It is a success. By the changing of one bolt it may be converted either into a shovel plow or a potato digger. The fingers are adjustable, being held in position by the plow point. Thus, in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are made of steel, rendering it light, strong, and durable. Price

Potato Digger.....$12.50
Potato Digger and Shovel Plow combined..... 16.50

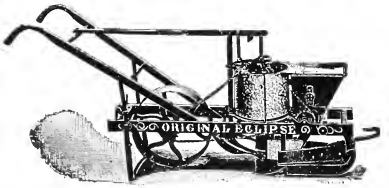
THE SHOVEL POTATO HOE

is made to meet the demands of large growers of potatoes, being designed both for hilling and covering purposes. The blades are of steel and can be tilted upward to assist in shaping the hill, also can be moved upon the crossbar when necessary. The frame is of hard wood, thoroughly constructed and braced. The handles are adjustable to suit the height of the user and can be moved to right or left so that the operator may walk between the rows. Price $22.00.



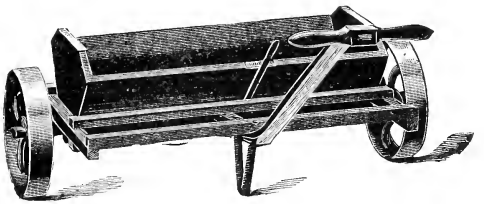
HALLECK WEEDER

Each tooth can be raised to different heights. By raising the teeth on rear bar and adjusting teeth on center bar so the points on the three bars will come in line, all the teeth can be made to stand upright or perpendicular for hard scratching. By raising teeth on front bar and also on middle bar to correspond, any desired slant of teeth can be obtained for light work. Price, $18.00.



KING OF THE CORNFIELD AND ECLIPSE CORN PLANTER AND FERTILIZER DISTRIBUTOR COMBINED

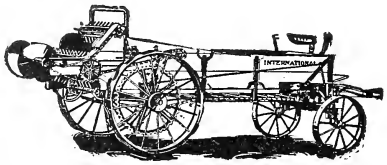
For planting field or ensilage corn, beans, peas or beet seeds, in hills or drills with check. Will accurately distribute all commercial fertilizer, wet as well as dry, pulverized hen manure, plaster, ashes and other fertilizers of like consistency, with a certainty. Has concave places each side of plow, which are of great importance in placing moist earth on the seed, just before the fertilizer is dropped each side of seed. A great advantage in a dry season. Price, $45.00.



FERTILIZER SOWER, THE STEVENS' HAND

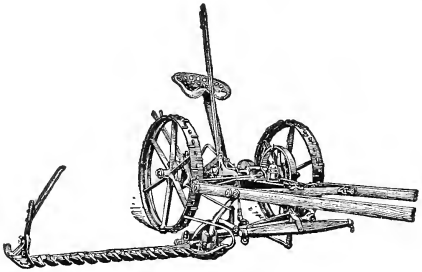
Does the work perfectly, sowing all kinds of lawn dressing and other commercial fertilizers, wood ashes, lime, etc., in large or very small quantities. It can also be successfully used for fertilizing strawberry beds, and other garden or field work; is excellent for sifting wood or coal ashes, sawdust, or dry sand on icy walks; will also sow damp sand by removing two blades. The hopper is 34 in. long and holds 1½ bus. Weight of machine, 83 lbs. It is well made and nicely painted. Price, $25.00.

FARM AND GARDEN TOOLS AND IMPLEMENTS—Continued



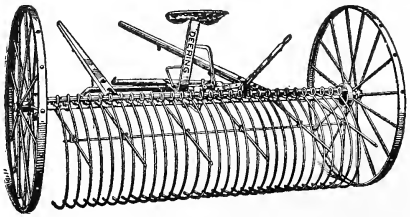
MANURE SPREADER, McCORMICK-DEERING

The McCormick-Deering Spreader is easy pulling and light in draft because it spreads wide from a box that tapers 1½ inches from front to rear, the rear end being wider than the front, which prevents manure from lodiging against the box sides. Made in two sizes: No. 1, capacity, 50 bus. and up, furnished with 2-horse hitch; No. 2, capacity 65 bus. and up, furnished with 3-horse hitch. Prices on application.



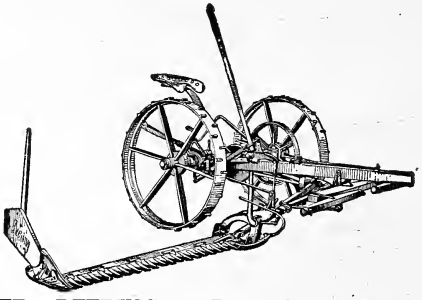
MOWER, McCORMICK ONE-HORSE

This gives entire satisfaction on farms, salt meadows and orchards. Many of the parks use it. It is fitted with ball bearing rollers, long wooden pitman, forged steel couplings, a positive and direct stroke. Its action perfectly free, which makes it the most durable, easy of handling and lightest draft mower made. Cuts 3½ and 4 feet. The foot lift cannot be surpassed. The knives and section are made from a special grade of steel. They are stamped with the name, a satisfactory guarantee. Price on application.



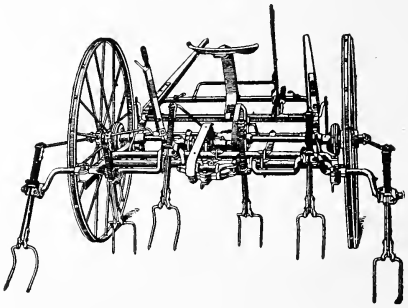
HAY RAKE, McCORMICK-DEERING

This self-dump rake is well built, sturdy and will stand up and do the work successfully under the most severe raking conditions. The best quality of steel is used throughout, and the wheels are large, durable, and well made. Price on application.



MOWER, DEERING AND McCORMICK, TWO-HORSE

Weight properly distributed is absolutely essential in mowers to insure machines that will do satisfactory work under all conditions. The working parts of these mowers are made of the best steel, malleable and wrought iron. The pitman is long and strong, made of well seasoned second-growth hickory. The wheels are high and powerful, are connected by a heavy steel axle. The frame is staunch and wide, striding the cut grass, so that the wheels travel in a clear track. Roller and ball bearings make these mowers so light in draft that it is a worthy example of the well-known line of machines. These mowers have a perfectly floated cutter bar; a coil spring not only assists the operator in raising the cutter bar but takes just enough of the weight of the cutter bar off the ground to permit the bar to float with perfect ease and freedom. Price on application.

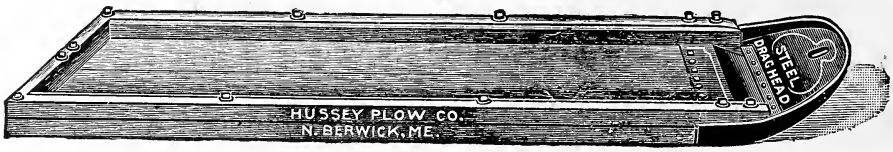


HAY TEDDER, McCORMICK-DEERING

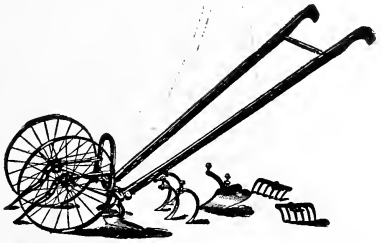
Every farmer can secure a first-class quality of hay if he uses a hay tedder. Tedded hay brings higher prices in the market, for the reason that it is cured in the correct way, and therefore makes a better dry feed for cattle and horses. Price on application.

HUSSEY STONE BOATS AND HEADS

Strongly bolted. Heavy wood work; made in two sizes; 6 feet and 7 feet in length and 32 inches in width. This boat has a steel head. The wood part is made from rock maple and the whole thing is thoroughly well bolted, making the very best pattern of stone boat in the market. The heads are equipped with a full set of bolts. Prices: 6 ft. boat $16.00, 7 ft. boat $18.00; heads alone with bolts, $8.00.



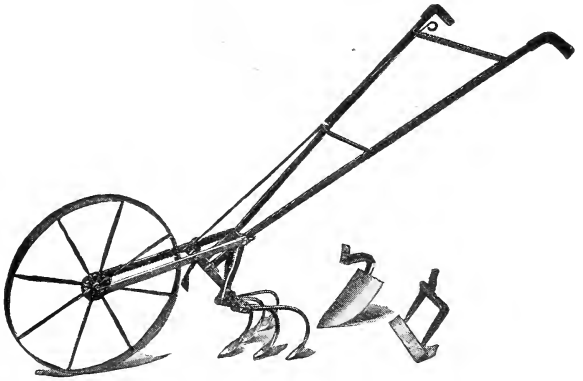
Iron Age Garden Tools and Seeders



NO. 301 R. DOUBLE AND SINGLE WHEEL HOE

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of them. In cultivating onions, beets, turnips, radishes, etc., it is invaluable; saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a single wheel hoe in a moment's time. An axle is sent with every double wheel hoe for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easily and without yielding to the depressions of the soil, as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price, $12.00

In order to accommodate those who have only use for the wheel hoe for hoeing, we offer the machine described above, with hoes only, at $8.00.



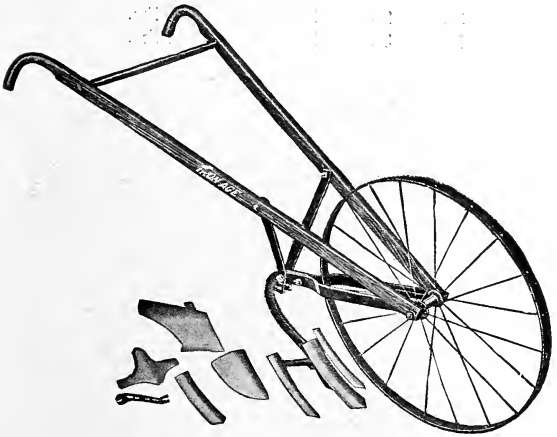
NEW "NORCROSS" No. 3-ABC ALL-METAL GARDEN WHEEL CULTIVATOR

No wabble, quick adjustments. You clean your wheel as you go along. The "New Norcross" garden wheel cultivator is just what the gardener has been looking for —a medium-priced, light, strong, properly balanced implement that pushes easy and steady, thus saving time and labor and insuring better crops.

Attachments: The "New Norcross" has for its main attachment the famous "Norcross" 5-prong cultivator (with heavy steel prongs) acknowledged by gardeners as the greatest cultivating instrument ever designed.

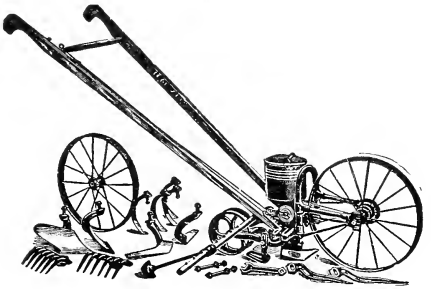
Also a large 5 x 9-inch oval shovel for laying off rows, deep plowing and hilling—and a 9-inch steel surface weeding blade, set at a slanting angle for keen cutting. Price complete, $6.00.

VICTORY WHEEL PLOW AND CULTIVATOR. $4.50



NO. 19 C. SINGLE WHEEL CULTIVATOR AND PLOW

If you have never tried a wheel hoe for your garden, get one of these and see how easy it is to keep your ground under perfect cultivation. The distinctive feature of this tool is the high steel wheel measuring 24 inches with landside plow, scuffle hoe and cultivator teeth, complete, $5.00.

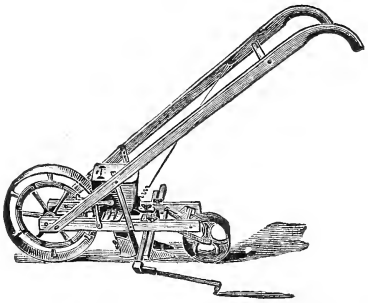


NO. 306 COMBINED HILL AND DRILL SEEDER DOUBLE AND SINGLE WHEEL HOE

Many men should use combination tools for two reasons: They save in first cost and they take up less room.

Thousands of gardeners have found this to be true of No. 306. Of course, most market gardeners prefer to have separate tools always ready to do each separate piece of work—drills, wheel hoes, wheel plows, etc. We have them in great variety, to suit each purpose in a particular way. Complete $20.00.

FARM AND GARDEN TOOLS AND IMPLEMENTS—Continued



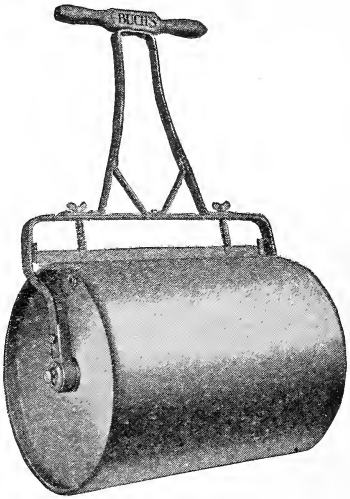
THE NEW MODEL SEED DRILL

This we consider the simplest and best drill on the market. The diamond-shaped adjustable hole regulates the discharge, and can be made larger or smaller as occasion requires. No other drill has this advantage. The seed cut-off claps up underneath the hole; it does not slide under the same, as in other similar drills; on this account it does not clog nor cut the seed. It has a broad wheel and a covering roller. The opening plow is adjustable in depth. The whole makeup of the drill is simple. It can be worked by any one. Price $14.00.

"CARBOLA"

"Carbola," a non-poisonous and non-caustic disinfectant that dries white; use it instead of whitewash; a disinfectant; it saves time, labor and money; ready as soon as mixed with water. Can be applied with brush or spray pump to wood, brick, stone, cement or over whitewash. For use in stables, poultry houses, cellars, etc. 1 lb. makes 1 gal.

Lb. 30c., 5-lb. pkg. 75c., 10-lb. pkg. $1.25, 50-lb. pkg. $5.00 and 200-lb. sack $18.00.



BUCH'S WATER WEIGHT ROLLERS FOR LAWNS AND GARDENS

The proper use of a roller will make all the difference between a commonplace lawn and one of rare, velvety beauty. The Buch will do it. This roller has a steel drum with roller bearings, the seams are electric welded, not riveted. Water or sand can be used to adjust the weight. Ball Bearing.

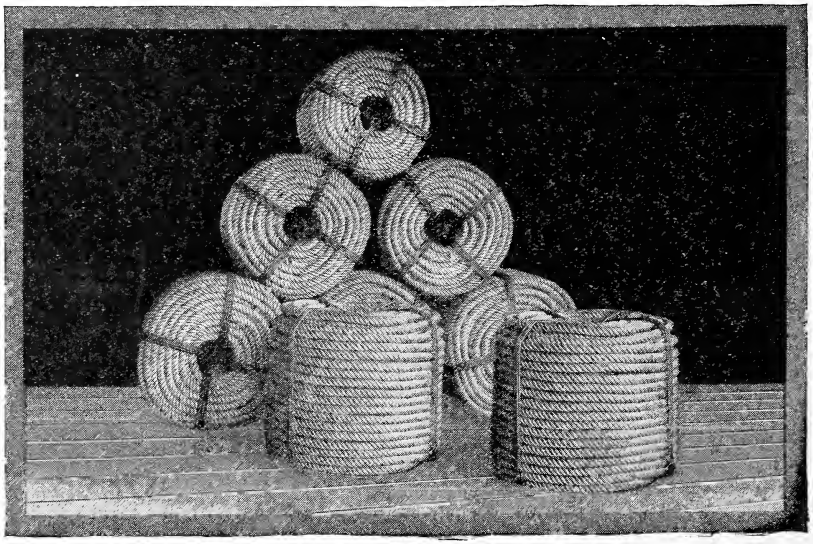
No.	Diam. Inches	Length Inches	Weight Empty	Filled with Water	Price
601	14	20	60 lbs.	250 lbs.	$18.00
602	18	24	75 lbs.	330 lbs.	22.00
603	24	24	100 lbs.	440 lbs.	25.00
604	24	32	115 lbs.	590 lbs.	28.00

Columbian Tape-Marked Pure Manila Rope

Look for the Red, White, and Blue Tape Marker

COLUMBIAN "THE GUARANTEED ROPE"

Warranted pure Manila. In various sizes. Market price.

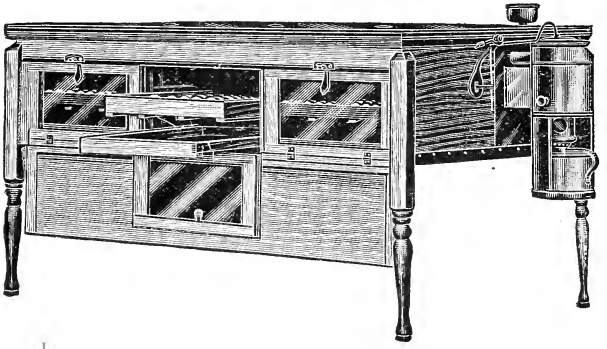


Queen Incubators and Brooders

Queen Incubators and Brooders are famous for producing chicks that **live** and **grow**

Because—
They are substantially constructed.
They are long lived.
They are gas and fool proof.
They are simple and economical.
They are scientifically correct.
They have positive and automatic control.
They embody the three simultaneous influences so necessary for hatching; namely, heat, oxygen and moisture in their proper proportions at the proper time.
They are built up to a standard.

Hence—They will hatch more chicks.
They will hatch larger chicks.
They will hatch healthier chicks.
They will make greater profits for the operator.



"QUEEN INCUBATORS"
"SUPERIOR SCIENTIFIC CONSTRUCTION"

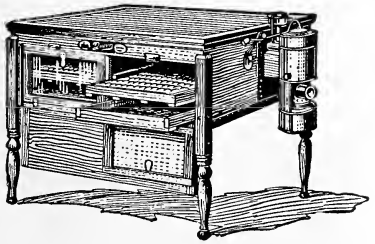
Automatic ventilators built in the ends and back and adjustable ventilators in the top and bottom, assure ideal conditions in the incubation chamber, at all times, and bring off fine hatches of big strong chicks. The Queen has a California Redwood body and the Hot Water Heating system is of pure copper throughout. It is perfectly designed, carefully fitted and beautifully finished. Descriptive circulars or catalogue describing full line sent on request.

Queen Standard Incubators

No. 1, 85-egg size	$27.50	No. 5, 400-egg size	$68.00
No. 2, 135-egg size	37.50	No. 25, 600-egg size	103.00
No. 3, 180-egg size	44.50	No. 35, 800-egg size	132.00
No. 4, 275-egg size	57.75	No. 45, 1000-egg size	157.00

Style K Incubators

No. 20, 70-egg size	$16.50	No. 21, 135-egg size	$27.50
No. 22, 220-egg size			$36.75



NO. 4. 275-EGG CAPACITY

Floor space, including lamp.....34½x45½ in.
Two-egg trays.....16½x30 in.
Shipping weight (about).....145 lbs.

So many of our customers are buying this size to use for hatching ducks, that we call it the "Duck" machine. However, it is just as good a chicken hatcher as a duck hatcher, and is used by many big poultrymen. If you are in the poultry business in earnest, get this machine. It is big enough to turn out quantity hatches.

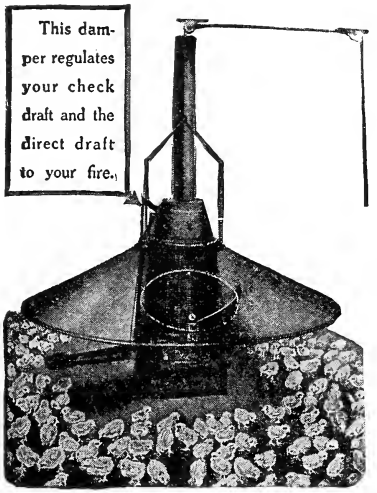
NO. 5. 400-EGG CAPACITY

Floor space, including lamp.....34½x63 in.
Three egg trays.....16½x30 in.
Shipping weight (about).....185 lbs.

For broiler farms and people who go in strong for chickens, this size is a general favorite. It produces big hatches of the right kind of chicks. This machine has three separate compartments and three sets of trays with a cross pipe over each tray.

"QUEEN SELF-REGULATING COLONY BROODER STOVES"

The Queen Colony Brooder is a new and improved design of brooder stove. It is made of the highest quality iron castings that will wear and last indefinitely. It has patented, non-clogging magazine, patented down-draft design, and exclusive check and down-draft control, in one motion. Burns hard or soft coal, coke or charcoal equally well. Descriptive circulars sent on request. No. 1, 600-chick size, $21.50; No. 2, 1200-chick size, $26.50.



Oilskin Clothing, Etc.

Cape Ann Hat

When spraying with lime sulphur, arsenate of lead or other solutions, a waterproof suit is essential to protect the flesh and clothes. Those we offer are especially designed for men who work at spraying or whose work takes them into wet places and who require light-weight, waterproof garments.

	Each
Oilskin Long Coats. Either yellow or black	$5.00
Oilskin Jackets. Either yellow or black	3.50
Oilskin Pants. Either yellow or black	3.50
Oilskin Hats (Sou'wester). Either yellow or black	1.25

Waterproof Dressing for Oilskins, 75c. per pint.

Oilskins

Rubber Boots

Made by the Franklin Rubber Co., which insures goods of the finest quality.

	Per pair
Men's Hip Boot	$9.00
Men's Storm King. Comes just above knee	8.00
Men's Short Boot	7.00

Rubber Gloves

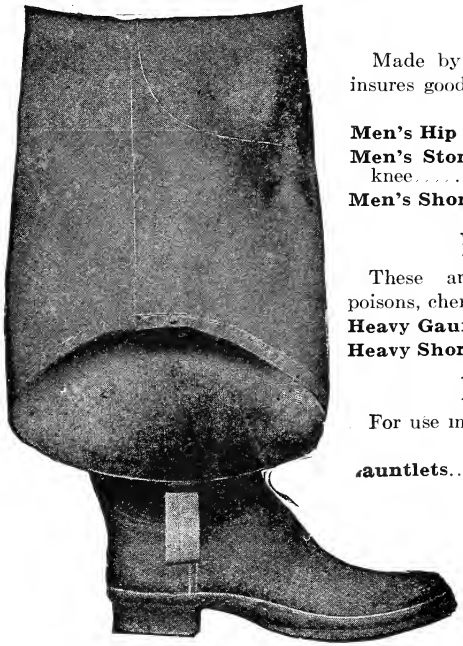
These are indispensable when handling poisons, chemicals, etc.

	Per pair
Heavy Gauntlet	$4.25
Heavy Short	3.75

Leather Gloves

For use in spraying, pruning or garden work.

	Per pair
Gauntlets	$3.00
Short	$2.00



Rubber Boots

Goggles

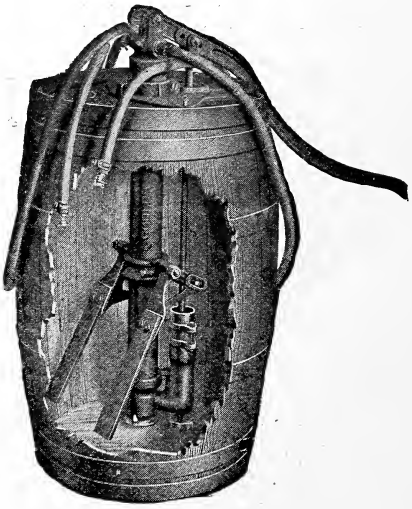
To protect the eyes when spraying. $1.00 each.

Pomona Spray Pump

The Pomona has sufficient capacity to supply two leads of hose and four nozzles. The plunger, plunger connection, gland, valves, valve seats and strainer are of solid bronze. All working parts are simple and so located that they can be easily removed and cleaned. The air chamber is of steel and has a large capacity, making it easy to maintain the pressure and giving smooth operation. The lever can be adjusted for a 3, 4 or 5 inch stroke, the adjustment being obtained by removing and replacing a single bolt. The agitator is very simple but effective, and is operated by the pump lever.

	Price
Pump, with agitator and hose couplings	$22.00
Pump, with agitator and one lead of 15 feet ½-inch discharge hose with spray nozzle	28.00
Pump, with agitator and two leads of ½-inch discharge hose with spray nozzle	34.00

Either of the above mounted in Barrel for **$8.50 extra.**



Pomona Syray Pump

Fertilizers

All prices subject to change without notice

Acid Phosphate. 16 per cent. soluble and available phosphoric acid. 100 lb. bag, $2.25, ton, $35.00.

Ashes, Unleached Hardwood. As a fertilizer for lawns, gardens and fruits, hardwood ashes are unequaled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. High in potash. In bags, per 100 lbs., $3.00, per ton, $50.00.

Bon Arbor. Immediately soluble in water. A complete plant food, containing nitrogen, potash and phosphoric acid in sufficient quantities. ½ lb. pkg. making 15 gals., 35c., 1 lb. pkg., 60c., 5 lbs., $2.50.

Bone, Crushed or **Inch.** Especially valuable for grape borders. Per 100 lbs., $4.50.

Bone, Coarse or **Cracked.** Ground coarse for grape borders or poultry. 100 lbs., $4.50.

Bone, Fine Ground (Bone Meal). One of the best fertilizers for general purposes. 10 lbs. 60c., 25 lbs., $1.25, 50 lbs., $2.00, 100 lbs., $3.50, ton, $62.00.

Bone, Pure Flour of. Ground perfectly fine; excellent where an immediate effect is wanted. Per 100 lbs., $4.25.

Bone, Special Raw, Fine Ground. Ground specially for our trade from pure raw bone. 100 lb. bag, $4.75.

Bowker's Ammoniated Food for Flowers. Specially recommended for house plants, package, 25c.

Bowker's 1-8-2-Farm and Garden. A good general fertilizer at moderate cost. 100 lb. bag, $2.50, ton, $44.00.

Bowker's 3-8-4-All Round. An all round fertilizer and well adapted to all crops. 100 lb. bag, $3.25, ton, $57.00.

Bowker's Potato Phosphate. 2-8-3. A good potato fertilizer also suitable for other crops. 100 lb. bag, $3.25, ton, $52.00.

Bowker's 3-9-2-Hill and Drill. A valuable fertilizer which can be used in hill or drill or sown broadcast. 100 lb. bag, $3.00, ton, $50.00.

Bradley's Special Eclipse Phosphate. 1-8-2. Suitable for all vegetable and grain crops. 100 lb. bag, $2.50, ton, $44.00.

Bradley's XL Superphosphate of Lime. 3-9-2. A well known brand for bringing the crops to early maturity. 100 lb. bag, $3.25, ton, $58.00.

Charcoal. Coarse and fine. 10 lbs. 75c., per 100 lbs., $5.00.

Clay's Fertilizers. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables and wish to bring them to the highest perfection. 14 lbs., $2.25, 28 lbs., $4.25, 56 lbs., $8.00, 112 lbs., $15.00.

Chrysanthemum Manure, Thomson's Special. Entirely soluble and very powerful, especially suitable for top-dressing Chrysanthemum and similar plants. Price 7 lbs., $1.75, 14 lbs., $2.75, 28 lbs., $4.50, 56 lbs., $8.00.

Land Plaster, or **Ground Gypsum.** Valuable as an absorbent, disinfectant and insecticide. 5 lbs., 15c., 25 lbs., 50c., 100 lbs., $1.25, 200 lb. bag, $2.00.

Lawn and Garden Dressing. An ordorless fertilizer, prepared entirely from chemicals, and designed for top-dressing lawns. It is quick and lasting in its effects, and produces a thick, velvety sward. 10 lb. bag, 75c., 25 lb. bag, $1.50, 50 lb. bag, $2.50, 100 lb. bag, $4.25.

Lime, Agricultural. An unusually pure calcium lime, especially prepared for use on the soil. Shipped in the form of a dry powder in bags of 100 lbs. each. Per bag, $1.50, ton, $22.00.

Lowell Animal Brand, "Old Reliable Brand" 3-8-4. A fine all round fertilizer and highly recommended for general crops, also used in top-dressing and seeding down grass. 100-lb. bag $3.25, ton $57.00.

Lowell Potato Phosphate. 4-8-7. Very popular in Aroostook County with the Potato growers, also well adapted to Onions, Cabbages and other vegetables. Also corn and grain. 100 lb. bag, $3.75, ton, $69.00.

Lowell Bone Fertilizer, 2-8-2. For seeding grass and grain, this fertilizer gives excellent results, also a general fertilizer for vegetables. 100-lb. bag $3.00, ton, $52.00.

Muriate of Potash. 80 to 85 per cent; 50 per cent actual potash.

Nitrate of Soda. 95 to 98 per cent purity. 10 lbs., 85c., 25 lbs., $1.75, 50 lbs., $3.25, 100 lbs., $6.00.

Salt. Top-Dressing for lawns and Asparagus beds. Price per bag, about 140 lbs., $2.50.

Sheep Manure Pulverized. "Special Brand." This brand has no objectionable odor; it is a pure natural manure, and the most nutritious food for plants. Its effect is immediate, much more lasting and healthy than guano or any other manure. It is the best of all manures for mixing with the soil for greenhouse plants. It makes the richest, safest and quickest liquid manure, without any deleterious effects. Minimum guarantee, 2¼% Ammonia, 1½% Phosphoric Acid, 1¼% Water Soluble Potash. 5 lbs., 35c., 10 lb. pkg., 60c., 25 lbs., $1.00, 50 lbs., $1.75, 100 lbs., $3.25, ton, $55.00.

Directions—For mixing with soil, take one part manure to six parts soil. For making a liquid, take one pound manure to five gallons of water, which can be used with safety daily if necessary.

Soot, Imported Scotch. Prevents mildew when mixed with sulphur at the rate of one-third sulphur and two-thirds soot; also a good fertilizer. Sold only in original bags of about 100 lbs. at 7c. per lb.

Sulphate of Ammonia. 25 per cent ammonia, $8.00 per 100 lbs.

Stockbridge Potato and Vegetable Manure. 4-6-10. A complete high-grade manure, heavy crop producer, recommended for Potatoes. 100 lb. bag, $3.75, ton, $66.00.

Stockbridge Early Crop Manure. 5-8-7. A complete manure for all crops. Specially recommended for Potatoes and other root crops. 100 lb. bag, $4.25, ton, $78.00.

Stockbridge Market Garden. 4-8-4. A high grade fertilizer and strongly recommended for all crops, excellent for small fruits. 100 lb. bag, $3.75, ton, $65.00.

Vine, Plant and Vegetable Manure, Thomson's. A safe and reliable food and stimulant for every fruit bearing plant, also for foliage, flowering plants and vegetables. ⅛ cwt. (14 lbs.) $2.25, ¼ cwt. (28 lbs.) $4.25, ½ cwt. (56 lbs.) $8.00, 1 cwt. (112 lbs.) $15.00.

Insecticides and Fungicides

Axfixo (The Superior Nicotine Dust). For the destruction of aphis, thrips, leaf-hoppers, caterpillars and all soft-bodied insects. 5 lbs. $1.25, 25 lbs. $5.00, 50 lbs. $9.00, 100 lbs. $17.00.

Aphine. For the destruction of the green, black and white fly, thrips, red spider, mealy bug, caterpillars, scale, etc. It is a combination of essential and ethereal oils, combined with nicotine in a readily soluble and available form and can be applied as a spray, wash or dipping solution. Qt. $1.25, gal. $3.50.

Arsenate of Lead. (Paste.) Kills all leaf-eating insects, like potato bugs, rose bugs, gypsy and brown-tail moths, caterpillars, elm beetles, etc., and sticks to the leaves. It is easy to apply and won't injure the most tender foliage. 1 lb., 50c., 5 lbs., $1.75, 10 lbs., $3.25, 25 lbs., $6.25, 50 lbs., $10.50, 100 lbs., $18.00.

Arsenate of Lead (Dry). 1 lb. 50c., 5 lbs., $2.25, 10 lbs., $3.75, 25 lbs., $8.00, 50 lbs. $16.00, 100 lbs., $30.00.

Black Leaf 40. (Nicotine Sulphate). Highly recommended by spraying experts for destroying all sucking and many chewing insects. 1 oz., 35c., ½ lb., $1.25, 2 lbs., 3.50, 10 lbs., $13.50.

Bordeaux Mixture, Paste. A concentrated mixture. Ready for use by adding water, its value as a fungicide cannot be overestimated; effective against black rot, mildew, rust, scab and all fungus disease. Prices: 1 qt. can, 50c., 1 gal. can, $1.50, 5 gal. can, $5.50, 10 gal. keg, $10.00 each.

Bordeaux Mixture, Dry. Can be used either dry as a dust or mixed with water as a spray for all fungus diseases. 1 lb. to 5 gals. of water. 1 lb. 40c., 5 lbs. $1.85.

Bug Death. A non-poisonous powder. 1 lb. 25c., 3 lbs., 60c., 5 lbs., $1.00, 12½ lbs., $2.00.

Copper, Ammoniated Solution of. A liquid fungicide, ready for use. Dilute at the rate of 1 qt. to 25 gals. of water, and spray lightly. Qt., $1.50, gal., $4.00.

Creosote, Gypsy Moth. For the destruction of the eggs of gypsy moth. Qt. 50c., gal. $1.25, 5 gals. $5.00.

Cattle Spray. Protects cattle and horses from flies. A sure preventive, easily applied with sprayer. Gal. $1.50.

Fungine. An infallible remedy for mildew, rust, wilt, bench rot and other blights affecting flowers, fruits and vegetables. It is equally effective under glass and out of doors. A sulphur composition which diluted with water contains no sediment and does not stain the foliage. One gallon makes fifty gallons spraying material. Pt. 75c., qt. $1.25, gal. $3.50.

Gishurst Compound. Box $1.00; by mail, at parcel post rates.

Grape Dust. For destroying mildew on grapevines and trees affected with mold, mildew or rust mites. 5 lb. pkg. $1.00.

Hall's Nicotine Fumigator. Powder form. 2½ lb. can $2.50., 10 lb. can, $8.50

Hellebore, White Powdered. For the destruction of rose slugs and currant worms. This is very effectual. ¼ lb. pkg. 20c., ½ lb. pkg. 35c., 1 lb. 65c.

Kerosene Emulsion. A valuable remedy against scale and all soft bodied and sucking insects. 1 qt. can 75c., 1 gal. can $2.25, 5 gal. jackets $8.50.

Lemon Oil. A cheap, safe and effectual insecticide for all insects and soft scale, highly recommeded for house plants. Dilute with water 30 to 50 parts. ½ pt. 40c., pt. 75c., qt. $1.25, 2 qts. $2.25, gal. $4.00.

Lime-Sulphur Solution. Will completely destroy San José and other scale. A clear-colored liquid, free from all worthless sediment, and contains the highest percentage of lime and sulphur possible in solution, and if not exposed to the air will remain so a long time. Qt. 40c., gal. $1.00, 5 gals. $3.00, 10 gals. $4.50, ½ barrel, about 30 gals, 30c. gal., 50 gal. barrels 22c. gal.

Nico-Fume Tobacco Paper. (Registered). For fumigating greenhouses. Positively the strongest Tobacco Paper on the market. In special friction-top tins, sold as follows: 24 sheets $1.25, 144 sheets $5.50, 288 sheets $10.00.

Nico-Fume Liquid. A nicotine solution of exceptional purity. Does not stain or injure blooms or leave a disagreeable odor. ¼ lb. 75c., 1 lb. $2.25, 4 lbs. $8.00, 8 lbs. $15.00.

Paris Green. Strictly pure. ½ lb. 40c., lb. 75c.

Pyrox, Bowker's. The one best spray for all leaf-eating insects. Does all that Arsenate of Lead will do, besides protecting trees, shrubs, vegetables and plants against fungus diseases, one application answering both purposes, saving labor and expense. All ready to use by adding water. 1 lb. 50c., 5 lbs. $2.25, 10 lbs. $3.75, 25 lbs. $7.50, 50 lbs. $14.00, 100 lbs. $24.00.

Richard's X L All, Liquid Insecticide. Destroys mealy bug, red spider, etc. Pt. $1.50, qt. $3.00, ½ gal. $5.50, gal. $10.50.

Richard's X L All, Vaporizing Compound. A safe, cheap, effectual material for the destruction of insects in greenhouses. In liquid form. Bottle No. 2, sufficient for 20,000 cubic feet of space, $6.00. No. 3, sufficient for 10,000 cubic feet, $3.50. Fumigator for same, $1.75.

Richard's X L All, Weed Destroyer. A concentrated liquid for exterminating weeds. 1 gal. $5.00, 2 gals. $7.50, 4 gals. $13.50.

INSECTICIDES AND FUNGICIDES—Continued

Scalecide with Fungicide. The most reliable, simple and economical remedy for destroying San José scale, mussel scale, brown scale, red scale, cottony maple scale and all other scale and soft-bodied sucking insects. Also all fungus diseases. Mixes instantly with cold water and stays mixed. Will not injure the trees. Qt. 60c., gal. $1.45, 5 gals. $7.00, 10 gals. $12.00, 30 gals. $28.00, 50 gals. $40.00.

Slug Shot, Hammond's. Destroys insects injurious to house and garden plants, vegetables and fruit of all kinds. Directions for use on each package. 5 lb. pkg. 75c.

Soap Spray, "Imp." The base is pure soap. It contains vegetable poisons, harmless to plants, but peculiarly effective against red spider on fruits, etc., the rhododendron fly, rose bug and other insect pests on fruits, flowers and foliage. It sticks, but can be easily washed off before marketing. One gallon (can) makes 12 gals. of spraying fluid. Qt. $1.00, gal. $3.00, 5 gals. $12.00, 10 gals. $21.00. Specially recommended and very effective in killing white fly.

Soap, Whale Oil and Tobacco. Is a most effective, reliable, simple and cheap preparation for destroying San José scale, plant lice, and all sucking insects on trees, shrubs, plants, vines, rose bushes, etc. Efficiency is increased by addition of tobacco extractive matter and potash. This preparation is highly recommended. Full directions for use on each package. 1 lb. box 40c., 5 lb. box $1.50, 10 lb. box $2.40, 50 lbs. $10.00.

Soap, Sulpho Tobacco. A very effective insecticide for use on plants in the house or outside. 3 oz. cake 10c., ½ lb. cake 20c. each.

Sprayers and Pumps. See pages 89-90-92.

Sulco-V. B. A combined contact insecticide and fungicide of unusual merit for the control of San José and other scale insects—Aphis, white fly, pear psylla, red spider, red bug, leaf blister, mite, thrips, citrus rust mite, Cabbage lice and fungus spores causing Peach leaf curl, brown or ripe rot of Peach and other stone fruits, apple and pear scab, smut and mildew on various plants, etc. Also used as a sheep, cattle and hog dip, and for controlling poultry and cattle lice. Qt. 65c., gal. $2.00, 5 gals. $8.00, 10 gals. $13.50, 30 gals. $27.50, 50 gals. $40.00.

Sulphur Flour. Useful for fumigating, spraying mixtures, lice on plants or animals. Prevents mildew on Grape vines, bushes, etc. 1 lb. 12c., 5 lbs. 50c., 10 lbs. 85c., 25 lbs. $2.00, 100 lbs. $7.50.

Sylpho-Nathol. Of value as a disinfectant as well as an insecticide. Qt. $1.25.

Thrip Juice No. 2. Very effective in destroying thrips on Grapes, aphis, red spider, mealy bug, and other sucking insects. Qt. $1.25, gal. $3.75.

Tobacco Dust. For aphis, etc., on the foliage and around the roots. Lb. 12c., 5 lbs. 50c., 25 lbs. $2.25, 50 lbs. $4.00, 100 lbs. $7.50.

Tobacco Stems. Small quantities, per lb. 5c., $1.00 per bbl., large bales or cases, per lb. 4c.

Tree Tanglefoot. A safeguard for trees, shrubs, etc., against the gypsy moth and canker worm. Remains sticky during hot, cold and wet weather. Lb. 50c., 5 lbs. $2.25, 10 lbs. $4.25, 20 lbs. $8.00, 25 lbs. $9.75.

Vermine. A soil sterilizer and germicide for all soil vermin, such as cut, eel, wire and grub worms, slugs, root lice, maggots and ants. Used in the greenhouse, garden and field. One part Vermine to four hundred parts water, thoroughly soaking the ground, does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil. Gill 25c., ½ pt. 40c., pt. 75c., qt. $1.25, gal. $3.50.

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INDEX

Page
Abutilon.....29, 68
Acacia.....29
Acanthus.....29, 69
Achillea.....29, 69
Achimenes.....29, 64
Acidanthera.....64
Aconitum.....29, 69
Acroclinium.....29
Achyranthes.....68
Actæa.....69
Adiantum.....43, 63
Adlumia.....29
Adonis.....29
Agathæa.....29
Ageratum....29, 30, 68
Agrostemma.....30, 69
Ajuga.....69
Alfalfa.....28
Allamanda.....63
Alonsoa.....30
Alstrœmeria.....30
Alternanthera.....68
Althæa.....79
Alyssum.....30, 68, 70
Amaranthus.....30
Amaryllis.....30, 64
Ambrosia.....30
Amelanchier.....79
Ampelopsis.....30
Anchusa.....30, 70
Anemone.....30, 70
Anthemis.....30, 70
Anthericum.....30
Antirrhinum.....
I, 30, 31, 68
Aquatics.....67
Aquilegia.....31, 70
Arabis.....31, 70
Aralia.....31, 63, 79
Arctotis.....31
Argemone.....31
Armeria.....31, 70
Artichoke.....1, 24
Asclepias.....31, 70
Asparagus (Vegetable).....V, 1, 24
Asparagus.....31, 63
Asperula.....31
Asphodelus.....31
Aspidistra.....63
Asters. I, 32, 33, 68, 70
Aubrietia.....34
Awnless Brome Grass27
Azalea.....79

Baby's Breath...44, 72
Balloon Vine.....34
Balsam.....34, 46
Baptisia.....34, 70
Barley.....25
Bartonia.....34
Beans.....V, 2, 3
Beans, Flowering....34
Beans, Soja.....28
Beet.....V, 3, 4
Begonia.....
I, 34, 63, 64, 68
Bellflower....35, 36, 70
Bellis.....34
Berberis.....79
Blanket Flower.....43
Blue Lace Plant.....I
Bocconia.....34
Boltonia.....34, 70
Borecole.....11
Brachycome.....34
Bridal Wreath.....43
Broccoli.....4
Broom.....43
Browallia.....34
Brussels Sprouts..4, 24
Buckwheat.....25
Buddleia.....79

Page
Bulbs and Tuberous Roots..64, 65, 66, 67
Buphthalmum...34, 70
Buxus.....79

Cabbage.....V, 5, 24
Cacalia.....34
Cactus.....34
Caladium.....64, 68
Calceolaria.....34
Calendula.....I, 35, 68
Calla Lily.....64
Calliopsis.....35
Callirhoe.....35
Calycanthus.....79
Campanula..35, 36, 70
Candytuft...36, 45, 72
Cannas.....36, 64, 68
Canterbury Bells..
35, 36, 70
Cardinal Climber....II
Carnation.....41, 68
Carrot.....V, 6
Caryopteris.....70
Cassia.....70
Castor Oil Bean.....55
Cauliflower.....7, 24
Celery.....V, 8, 24
Celosia.....36
Celsia.....37
Centaurea....37, 68, 71
Cephalanthus.....79
Cerastium.....37, 71
Cereals.....25
Chelone.....37, 71
Cheiranthus.....I, 37
Chervil.....7
Chicory.....7
Chionanthus.....79
Chives.....7, 24
Christmas Rose.....45
Chrysanthemum...
37, 68, 71
Cineraria.....38
Cinnamon Vine.....64
Clarkia.....38
Clematis.....38
Cleome.....38
Clethra.....79
Clianthus.....38
Climbing Plants.....76
Clover.....28
Clover, Sweet.....57
Cobæa.....38, 68
Coccinea.....38
Cockscomb.....36
Cocos.....63
Coleus.....38, 68
Collections of Seeds.62
Collinsia.....38
Columbine.....31
Commelina.....38
Convolvulus.....39, 46
Corchorus.....79
Coreopsis.....I, 35, 71
Corn, Field.....25
Corn, Kaffir.....28
Corn, Sweet or Sugar
V, 9
Corn Salad.....9
Cornus.....79
Cosmos.....39, 68
Cow Peas.....28
Creeping Bent.....27
Cress.....8
Crested Dog's-tail...27
Crotons.....63
Cucumber.....10
Cuphea.....39
Cyclamen.....II, 39
Cydonia.....79
Cyperus.....39, 63
Dahlia.....40, 64

Page
Daisy 33, 34, 42, 43, 68
Dandelion.....10
Daphne.....79
Datura.....40
Decorative Plants...63
Delphinium.....
II, 40, 41, 71
Deutzia.....79
Dianthus.....41, 71
Dicentra.....71
Dictamnus.....41, 71
Didiscus.....I
Dielytra.....71
Digitalis.....42, 71
Dimorphotheca..II, 42
Dioscorea.....64
Dodecatheon.....71
Dolichos.....42
Dracæna.....42, 63
Dracocephalum.....42
Dusty Miller....37, 38

Echinacea.....42, 71
Echinocystis.....42
Echinops.....71
Edelweiss.....42
Egg Plant.....11, 24
Elæagnus.....79
Endive.....11
Epilobium.....71
Eremurus.....II, 42
Erianthus.....71
Erigeron.....42
Eryngium.....42, 71
Erysimum.....42
Eschscholtzia....42, 45
Euonymus.....79
Eupatorium.....42, 71
Euphorbia.....43
Everblooming Hybrid.....45
Evergreen Trees.....81
Exacum.....43
Exochorda.....79

Farm Seeds.....25–28
Fennel.....11
Ferns.....43, 63, 72
Fescue (Miscellaneous).....27, 28
Fetticus.....9
Feverfew.....48, 68
Ficus.....63
Flower Seed Novelties for 1924....I-IV
Foliage Plants.....68
Forget-me-not.....49
Forsythia.....79
Foxglove.....42, 71
Francoa.....43
Freesia.....43
Fruit Trees.....82, 83
Fruits, Small....83, 84
Fuchsia.....43, 68
Funkia.....72

Gaillardia.....43, 72
Gaura.....43
Genista.....43
Gentiana.....43
Geranium.....43, 68
Gerardia.....43
Gerbera.....43
Gesneria.....43
Geum.....43
Gilia.....44
Gilliflower.....57
Gladiolus.....65
Glaucum.....44
Globe Amaranth....44
Gloxinia.....44, 64
Gnaphalium.....42
Godetia.....44
Gomphrena.....44
Gourds, Ornamental.44

Page
Grass Seeds..26, 27, 28
Grasses, Ornamental.62
Grevillea.....44
Gumbo.....15
Gypsophila.....44, 72

Hardy Perennial Plants.....69–75
Hedge Plants.....80
Helenium.....44, 72
Helianthemum.....44
Helianthus.....44, 72
Helichrysum.....45
Heliopsis.....45, 72
Heliotrope...45, 60, 68
Helleborus.....45
Hemerocallis.....72
Herbs.....24, 28
Herd's Grass.....28
Hesperis.....45, 72
Heuchera.....II, 45, 72
Hibiscus.....45, 72
Hollyhock II, 45, 68, 72
Honesty.....45
Horse Radish.....24
Humulus.....45
Hunnemannia.....45
Hyacinthus.....64
Hydrangea.....80

Iberis.....45, 72
Ice Plant.....46
Ilex.....80
Impatiens.....46
Incarvillea.....46
Inula.....II, 46
Ipomœa.....II, 46
Iris.....46, 73
Italian Rye Grass...27
Ivy, Boston.....30

Jerusalem Cherry....57

Kaffir Corn.....28
Kale.....11
Kalmia.....80
Kentias.....63
Kentucky Blue Grass27
Kochia.....46
Kohl-Rabi.....11

Lantana.....46, 68
Larkspur.....40, 41, 71
Latania.....63
Lathyrus.....46, 73
Lavatera.....46
Lavendula.....46, 73
Lawn Grass.....26
Lawn Grass, Special Mixtures.....26
Leek.....13
Leptosyne.....46
Lettuce.....V, 12, 24
Liatris.....46, 73
Lilac.....80
Lilies.....66
Lily of the Valley.66, 73
Lime Grass.....27
Linaria.....46
Linum.....47, 73
Lobelia..III, 47, 68, 73
Lonicera.....80
Lophospermum.....47
Lunaria.....45
Lupins.....47
Lupinus.....III, 47
Lychnis.....47, 73
Lycoris.....64
Lysimachia.....73
Lythrum.....47, 73

Madeira Vine.....66
Mallow...35, 46, 47, 72
Malope.....47
Malva.....47
Mangel Wurzel.....4
Maranta.....63

Page
Marigold.....47, 48, 68
Martynia.....13
Mathiola.....48
Matricaria.....48
Maurandia.....48
Meadow Foxtail.....27
Meadow Grass.....27
Meadow Oat Grass..28
Mentha.....73
Mesembryanthemum48
Mignonette.....48, 68
Millet.....25
Mimosa.....48
Mimulus.....48
Mina.....48
Mint Plants.....24
Mirabilis.....48
Miscellaneous Farm Seeds.....28
Mixtures for Permanent Hay.....28
Mixtures for Permanent Pastures.....28
Momordica.....49
Monarda.....73
Montbretia.....67
Musa.....49
Mushroom.....14
Muskmelon.....V, 13
Mustard.....15
Myosotis.....49, 73
Myrica.....80
Myrsiphyllum.....57

Nasturtium..49, 50, 68
Nemesia.....50
Nemophila.....50
Nephrolepis.....63
Nicotiana.....50
Nierembergia.....50
Nigella.....50
Nycterinia.....50

Oats.....25
Œnothera.....50, 73
Okra.....15
Onion.....VI, 15
Onion Sets.....VI, 16
Orchard Grass.....27
Ornamental Grasses.62
Oxalis.....50

Pæonies.....74
Palms.....63
Pansy.....50, 51, 68
Papaver.....74
Pardanthus.....74
Parsley.....VI, 16
Parsnip.....16
Passiflora.....51
Peas.....VI, 17, 18
Peas, Canada Field..28
Pentstemon.III, 51, 74
Pepper.....18, 24
Pepper Grass.....8
Perennial Pea.....46
Perennial Plants.69–75
Perennial Rye Grass.27
Perilla.....51
Petunia.....52, 68
Phacelia.....52
Philadelphus.....80
Phlox.....52, 68, 74
Phœnix.....63
Phormium.....52
Physalis.....52
Physostegia.....52, 75
Pinks.....41, 71
Platycodon.....52, 75
Polemonium.....52, 75
Polyanthus.....III
Poppies.....
42, 52, 53, 55, 74
Portulaca.....53
Potato.....19

INDEX—Continued

Page
Potentilla.....53
Primrose.....III, 50, 53, 54, 75
Primula.III, 53, 54, 75
Privet.....80
Prunus.....80
Pteris.....63
Pumpkin.....19
Pyrethrum.....55, 75
Pyrus.....80
Radish.....19, 20
Ranunculus.....55, 75
Rape.....28
Red Top.....27
Reseda.....48
Rhodanthe.....55
Rhode Island Bent Grass.....27
Rhododendrons.....80
Rhodotypos.....80
Rhubarb.....20, 24
Rhus.....80
Richardia.....64
Ricinus.....55, 68
Romneya.....55
Roots and Plants....24
Roses.....77, 78
Rubus.....80
Rudbeckia.....55, 75
Rutabaga.....23
Rye.....25
Rye Grass.....27
Saintpaulia.....55
Salpiglossis.....55
Salsify.....20
Salvia.....III, 55, 56, 68, 75
Sambucus.....80
Sanvitalia.....56
Saponaria.....56
Satin Flower.....44
Saxifraga.....75
Scabiosa.....56, 75
Schizanthus....III, 56
Schizopetalum.....56
Sedum.....56, 75
Seeds for Wild Gardens.....62
Sensitive Plant.....48
Shamrock.....56
Shrubs.....79, 80
Silene.....57
Small Fruits.....83, 84
Smilax.....57
Snapdragon, Alpine.46
Soja Beans.....28
Solanum.....III, 57
Specialties in Flower Seed.....I–IV
Specialties in Vegetable Seed.....V–VI
Spinach.....20
Spiræa.....75, 80
Squash.....21
Statice.....57, 75
Stevia.....57
Stocks.....57
Stokesia.....57, 75
Streptocarpus.....57
Sudan Grass.....28
Sunflower....28, 44, 72
Swainsona.....57
Sweet Clover.....57
Sweet Peas..IV, 58, 59
Sweet Vernal.....28
Sweet William.....59, 60, 71
Symphoricarpos.....80
Tarragon Plants.....24
Thunbergia.....60
Timothy.....28
Tobacco.....23
Tomato.VI, 22, 23, 24
Torenia.....60
Trees, Deciduous....81
Evergreen.....81
Fruit.....82, 83
Ornamental.....81
Tritoma.....60, 75
Trollius.....60, 75
Tropæolum.....60
Tuberose.....67
Tuberous Rooted Plants.64, 65, 66, 67
Turnip.....23
Valerian.....60
Vegetable Oyster....20
Vegetable Seed Specialties.....V–VI
Verbena....III, 60, 68
Veronica.....60, 75
Vetches.....28
Viburnum.....80
Vinca.....60, 68, 75
Vines, Flowering....76
Viola.....60, 61, 75
Virginian Stock.....61
Viscaria.....61
Wallflower.....I, 37, 61
Watermelon.....14
Weigela.....80
Wheat.....25
Whitlavia.....61
Wood Meadow Grass28
Xeranthemum.....61
Yucca.....61, 75
Zea.....61
Zinnia.....III, 61, 68

SUNDRIES

Acid Phosphate....103
Aphine.....104
Arsenate of Lead...104
Ashes.....103
Asparagus Buncher. 85
Asparagus Knife... 85
Axes..... 85
Axfixo.....104
Bamboo Poles..... 85
Barrow..... 85
Barrow Leaf Rack. 85
Bars, Crow..... 85
Baskets, Miscellaneous..... 85
Basswood Poles.... 85
Bellows..... 85
Bill Hooks..... 85
Black Leaf 40..... 104
Blades..... 85
Bon Arbor.....103
Bone, Fine Ground, etc.....103
Books, for the Gardener and Professional.....106
Bordeaux Mixture.104
Bowker's Fertilizer.103
Boxes, Flower..... 85
Boxes, Shipping.... 85
Bradley's Phosphates.....103
Brooders.....101
Brooder Stove.....101
Brooms.....85, 86
Brushes..... 85
Bug Death.....104
Bulb Pans..... 86
Bull Leaders..... 85
Bull Rings..... 85
Burlap..... 85
Burning Brands.... 85
Bush Hooks..... 85
Carbola.....100
Carnation Bands... 85
Carnation Supports. 85
Cattle Spray.....104
Charcoal.....103
Chrysanthemum Manure.....103
Clay's Fertilizer....103
Coal Tar..... 85
Copper Solution....104
Corn Planter..... 97
Cotton Wadding... 85
Creosote, Gypsy Moth.....104
Cultivator, Iron Age 99
Cultivator, Norcross 86
Cultivators, 86, 95, 99
Curry Cards..... 86
Curry Combs..... 86
Dibbles..... 86
Edging Knife..... 86
Electric Tape..... 86
Farm Garden and Lawn Requisites.85–102
Fern Pans..... 86
Fern Root.....105
Ferrules..... 86
Fertilizers.....103
Fertilizer Sower.... 97
Florists' Vases..... 86
Flower Pot Hangers 86
Flower Pots, Saucers, etc..... 86
Forks..... 87
Fungicides.....104, 105
Fungine.....104
Garden Lines..... 87
Garden Reels..... 87
Garden Requisites..85–102
Gardener's Gloves. 87, 102
Gishurst Compound 104
Gypsy Moth Creosote.....104
Glass Cutters..... 87
Glazing Machines.. 87
Glazier's Points.... 87
Gloves, Garden.87, 102
Goggles.....102
Grafting Knife..... 87
Grafting Wax..... 87
Grape Dust.....104
Grass Catchers..... 94
Grass Hooks..... 87
Grindstones..... 87
Grindstone Fixtures 87
Hammers..... 87
Hand Cart, Box, etc..... 92
Handles..... 87
Harrows..... 95
Hatchets..... 87
Hay Forks..... 87
Hay Tedders..... 98
Hay Rakes, Deering, etc..... 98
Hedge Shears..... 90
Hellebore.....104
Herbicide.....105
Hoe, Iron Age..... 99
Hoes..... 87
Hose Clamps..... 87
Hose Connection... 87
Hose Couplings.... 87
Hose Menders..... 87
Hose Nozzles..... 87
Hose Reducers..... 87
Hose Reel..... 88
Hose, Rubber, and Cotton..... 83
Hose Washers..... 88
Hotbed Mats..... 88
Hotbed Sash..... 90
Incubators.....101
Ink, Indelible..... 88
Insecticides....104, 105
Kerosene Emulsion.104
Knives..... 88
Labels..... 88
Ladders, Extension. 88
Land Plaster.....103
Lanterns..... 88
Lantern Globes..... 88
Lawn Boots..... 88
Lawn and Garden Dressing.....103
Lawn Mowers...93, 94
Lawn Sprinklers... 88
Leaf Rack.....85, 92
Leafmold.....105
Lemon Oil.....104
Lime, Agricultural.103
Lime, Sulphur Solution.....104
Links, Lawn..... 88
Lowell Fertilizers...103
Manure Forks..... 87
Manure Hooks..... 88
Manure Spreader... 98
Mats..... 88
Mattocks..... 88
Melon Nets..... 88
Melrosene.....105
Mole Traps..... 88
Moss, Sphagnum...105
Mower, Deering, etc. 98
Mulford Cultures... 3d cover
Muriate of Potash..103
Nico-Fume Paper and Liquid.....104
Nicotine.....104
Nitrate of Soda....103
Oilers..... 89
Oil, Harvester..... 89
Oil Skin Clothing...102
Orchid Peat.....105
Pails..... 89
Pans, Bulb and Seed 86
Paper..... 89
Paris Green.....104
Peat.....105
Pencils, Indelible... 89
Phosphate, Acid....103
Picks, Contractors.. 89
Plant Protecting Cloth..... 89
Plant Protectors.... 89
Plant Spray.....105
Plant Sprinklers.... 89
Plant, Tubs..... 89
Plows.....96, 97, 99
Post Hole Digger.. 89
Potato Digger..... 97
Potato Hoe..... 97
Potato Hooks..... 89
Powder Gun..... 85
Pruners, Hand..... 89
Pruners, Tree..... 89
Pumps, Auto Spray. 89
Pumps, Hand..... 89
Pump, Pomona.....102
Putty Bulb..... 89
Putty, Twemlow's.. 89
Pyrox.....104
Raffia..... 89
Rakes.....86, 89
Rake, Hay..... 98
Richard's X L All..104
Rifle Scythe..... 89
Rollers, Garden....100
Rope.....100
Rubber Boots.....102
Rubber Gloves.....102
Salt.....103
Sand, Silver.....105
Sash, Hotbed..... 90
Savage Duster..... 92
Saws..... 90
Scalecide.....105
Scissors..... 90
Scoops..... 90
Scrapers, Steel Drag 97
Scythes..... 90
Scythe, Rifles..... 89
Scythe Snaths..... 90
Scythe Stones..... 90
Seed Drills.....100
Seed Pans..... 86
Seed Sower..... 90
Seeder.....90, 99
Shade-O.....105
Shears..... 90
Sheep Manure.....103
Shovels..... 90
Sickle..... 87
Silkaline..... 90
Slug Shot.....105
Soap Sprayer....90-92
Soap Spray "Imp".105
Soap, Fish, Oil....105
Soap, Sulpho Tobacco.....105
Sod Lifter..... 90
Soot.....103
Spades..... 90
Spading Forks..... 87
Sprayers.....89, 90
Sprayer, Compressed Air..... 90
Spray Pumps...89, 102
Sprinklers..... 91
Stake Fasteners, Eureka..... 90
Stakes.....90–91
Sticks, Match..... .91
Stockbridge Fertilizers.....103
Stone Boats..... 98
Styptic..... 91
Sulco-V. B.....105
Sulphate of Ammonia.....103
Sulphur Flour.....105
Sylpho-Nathol.....105
Tamper..... 91
Tape Lines..... 91
Tarred Yarn..... 91
Tedder, Hay..... 98
Thermometers..... 91
Tin Foil..... 91
Tobacco Dust and Stems.....105
Tree Guards..... 91
Tree Scraper..... 91
Tanglefoot.....105
Thrip Juice.....105
Trellises..... 91
Trowels..... 91
Trucks..... 92
Tubs, Plant..... 89
Twine..... 91
Tying Materials.... 91
Vases, Florists..... 86
Vermine.....105
Vine and Plant Manure.....103
Water Glass.....105
Watering Pots..... 92
Wedges..... 92
Weeders.....92, 97
Weed Killer...104, 105
Wheelbarrows..... 85
Wheel Hoe..... 99
Whiffletrees..... 92
Wire..... 92
Wrenches..... 92

PARCEL POST RATES—SEE 2nd COVER PAGE

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SMALL COST

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FOR LEGUMES

EASY TO USE

NO LABOR EXPENSE

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

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Legumes offer the best-known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

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Crimson Clover	**Burr Clover**	**Velvet Beans**	**Lespedeza**
Sweet Clover	**Cow Peas**	**Sweet Peas**	**Beggar Weed**
Red Clover	**Soy Beans**	**Garden Peas**	and others
	Peanuts	**Garden Beans**	

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

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1-Acre Size	$1.50
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Small Size (Supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) . . .	.35

Free descriptive folder sent upon request

Quantity of Seeds Usually Sown to an Acre

	Quantity per acre	Weight per bushel
Beans, Dwarf, in drills.....	1½ bus.	60 lbs.
" Pole in hills.....	8 to 12 qts.	60 lbs.
Beets, in drills	5 to 6 lbs.	
Barley, broadcast.....	2 to 3 bus.	48 lbs.
Buckwheat, broadcast.....	1 to 1½ bus.	48 lbs.
Cabbage, in hills.....	¼ lb.	
Carrot, in drills.....	3 lbs.	
Cucumber, in hills.....	2 lbs.	
Corn, Flint, in hills.....	10 to 12 qts.	56 lbs.
" In drills for Silage...	½ to ¾ bus.	56 lbs.
" Sweet, in hills.....	10 to 12 qts.	45 to 50 lbs.
Clover, Red.....	15 to 20 lbs.	60 lbs.
" White.....	10 to 15 lbs.	60 lbs.
" Alsike.....	8 to 15 lbs.	60 lbs.
" Alfalfa.....	20 to 25 lbs.	60 lbs.
" Sweet.....	20 to 25 lbs.	60 lbs.
Dandelion.....	2 lbs.	
Grass, Herd's or Timothy..	½ bus.	45 lbs.
" Red-Top Unhulled...	3 to 4 bus.	14 to 20 lbs.
" " Recleaned	18 to 25 lbs.	36 lbs.
" Rhode Island Bent..	4 bus.	14 lbs.
" Lawn, Boston.....	4 bus.	16 lbs.
" " Grey's Recleaned	2 bus.	32 lbs.
" Orchard.....	2 to 3 bus.	14 lbs.
" Pasture Mixture.....	40 lbs.	50 lbs.
" Kentucky Blue.....	30 to 40 lbs.	14 lbs.
" English Rye Grass..	2 bus.	24 lbs.
Mangel-Wurzel	6 to 10 lbs.	
Melon, Water.....	4 lbs.	

	Quantity per acre	Weight per bushel
Melon, Musk.....	2 to 3 lbs.	
Millet, Hungarian.....	1 bus.	48 lbs.
" Golden.....	1 bus.	50 lbs.
" Japanese.....	15 to 20 lbs.	35 lbs.
Oats, broadcast.....	2½ to 3 bus.	32 lbs.
" with Canada Peas....	2 bus.	
Onions, in drills.....	4 to 5 lbs.	
" sets.....	8 to 12 bus.	32 lbs.
Parsnips, in drills.....	5 to 6 lbs.	
Peas, Smooth, in drills.....	1½ bus.	60 lbs.
" Wrinkled in drills....	2 bus.	56 lbs.
" Canada broadcast....	2 to 3 bus.	60 lbs.
" Canada with Oats....	1 to 1½ bus.	
Potatoes, in drills.....	10 to 15 bus.	60 lbs.
Rye, broadcast.....	1½ to 2 bus.	56 lbs.
Raddish, in drills.....	8 to 12 lbs.	
Salsify, in drills.....	6 to 8 lbs.	
Spinach, in drills.....	20 lbs.	
Squash.....	4 to 6 lbs.	
Turnips, in drills.....	1½ lbs.	
Vetches, Spring, broadcast.	1½ bus.	60 lbs.
" Winter, alone.....	1 to 1½ bus.	60 lbs.
" " with Rye...	1 bus.	
Wheat, broadcast.....	1½ to 2 bus.	60 lbs.

General Grass Seeding for Mowing Land

Clover, Timothy, Red-Top, } Together for one acre { 8 lbs. Clover, 18 lbs. Timothy, 8 lbs. Red Top, Recleaned.

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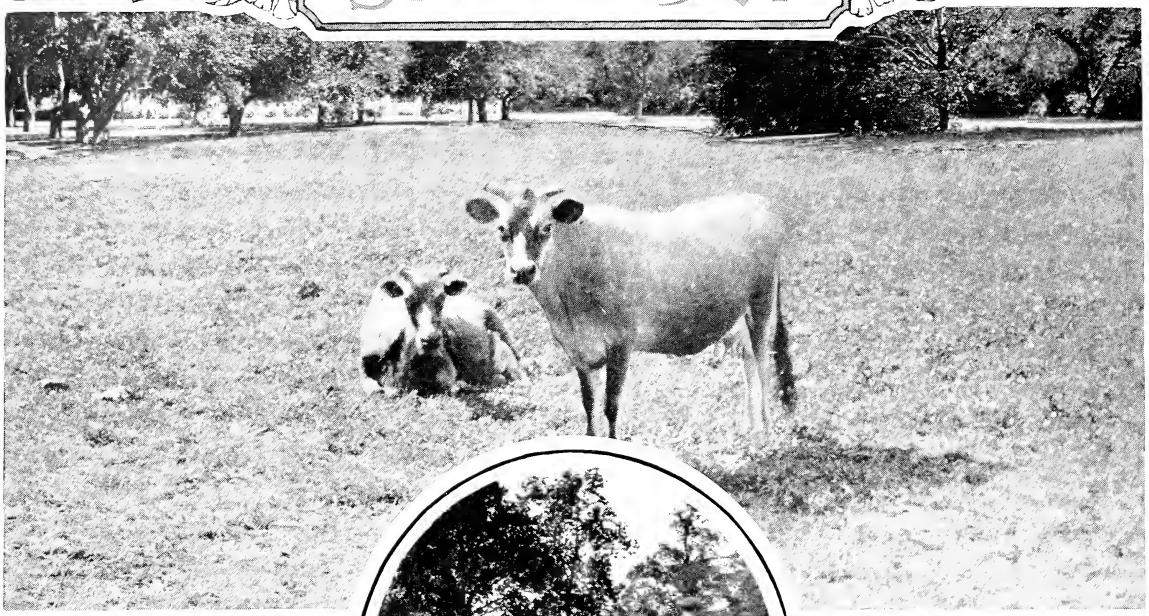

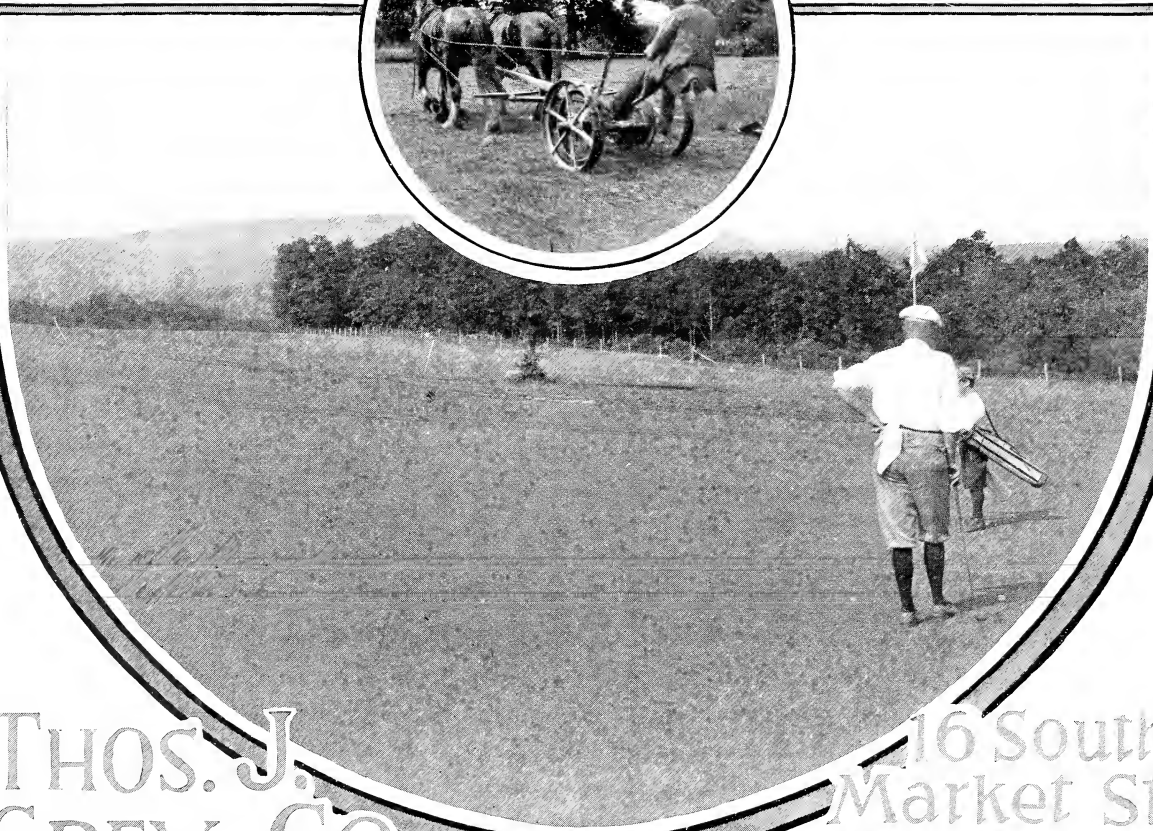

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